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JANUARY 11, 1954

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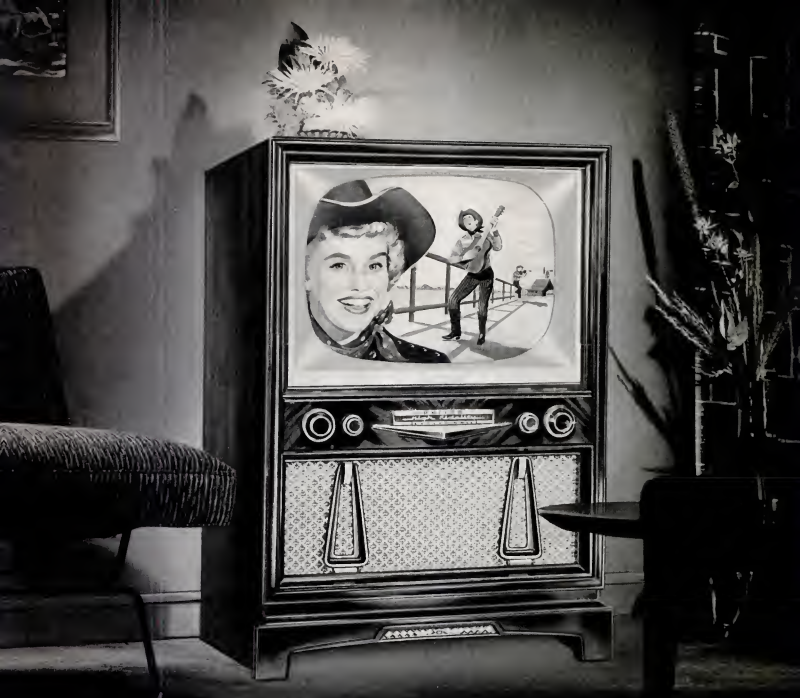

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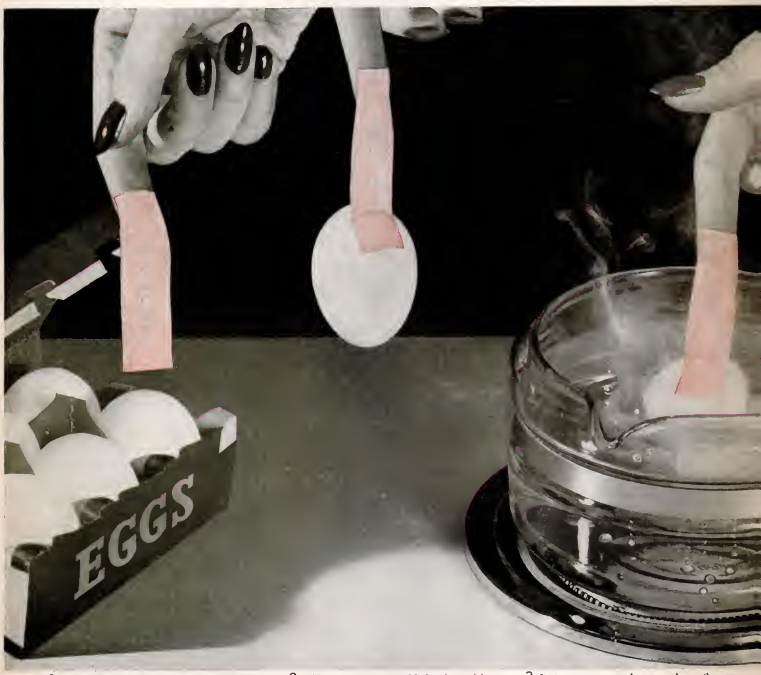

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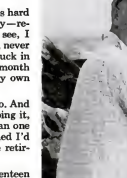
SPEAKING OF PICTURES . . .

. . . Baby crawls on photographic paper, producing floor's-eye view of journey

When his son Michael began crawling recently, Fred Lyon, a San Francisco photographer decided not to record the event in the conventional snapshots. Instead, Lyon bought the largest piece of photographic paper he could find (40 inches wide and 30 feet long) and unrolled it in two sections on the floor of his living room, lit only by a darkroom safety bulb. On the paper near one end of the room he placed Michael.

Squealing with delight at the cool, slick paper, the baby headed for the opposite end, where his mother sat waving a plastic rabbit. Lyon, standing on a stepladder (*right*), snapped a flashlight off and on, silhouetting the baby more than 40 times. Then he developed the paper in the bathtub. The result (*above and below*) is a striking floor's-eye view of Michael's wandering trip. But Photographer Lyon's work is not done. The memento is so big he has no alternative except to hang it as wallpaper in the nursery.

How I retired in 15 years with $250 a month



"Sometimes I have to smile. It's hard to believe that I'm retired today—retired with a life income. You see, I never had more than my salary, never inherited a dime, or even had luck in business! Yet a check for $250 a month arrives on the dot. And I'm my own boss for keeps!

"I left the office two years ago. And when I explained how I was doing it, though I was only 55, more than one of my friends said he only wished I'd told him years before. He'd be retiring, too.

"There's only one secret. Seventeen years ago, back in 1937, I had saved a little money. So I went into partnership with a friend. We thought it was going to pay off very well.

"Well, it didn't. But it was the most profitable investment I ever made. It showed me that there was no easy way for *me*, with *my* limited experience, to make a lot of money.

"I had to find a way that was systematic and sure. I was 40 then.

"It was shortly after that that I read an advertisement that told of a modern way for people of moderate means to retire. It didn't call for any great capital. It simply required fifteen or twenty working years ahead. One thing I liked particularly was that my family was protected with life insurance from the first day I took out my plan. (This, surely, was better than any ordinary savings method!) And the income was guaranteed—whatever happened to the business world—each month, every month, from the day it began as long as I lived. The plan was called the Phoenix Mutual Retirement Income Plan.

"The ad offered more information. So, I mailed in the coupon. It brought a booklet describing the various plans.

"Soon after, I applied and qualified for a Phoenix Mutual Plan. And from that day on I've honestly felt like a rich man. Because I knew I wouldn't just simply live and work and die. I had a future I'd really enjoy. And that's what I'm doing today—with many, many thanks to my Phoenix Mutual check for $250 a month that means financial independence for life."

Send for Free Booklet

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954 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet, showing how to get a guaranteed income for life.

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LETTERS TO THE EDITORS

U.S. PUBLIC HIGH SCHOOL

Sirs:

At Davenport High we have had many comments ranging from "tremendous enthusiasm" to "bewilderment" over your article, "U.S. Public High School" (LIFE, Dec. 14). Our students and faculty needed a few hours to evaluate the story objectively after it appeared. One of their most difficult tasks was to accept the fact that this was not a Chamber of Commerce promotion of Davenport High School. But the longer we studied it the better we liked it. Many adult citizens have reported that they felt wholesomeness, fairness and objectiveness. From my point of view the reporting was accurate and completely satisfactory in every way. The philosophy of the school was evident throughout. . . .

ROGER BEABY
Principal

Davenport High School
Davenport, Iowa

Sirs:

You have just sold me down the river. Don't you know that probably less than 20% of all U.S. high school pupils are enrolled in schools of Davenport's size? If you want to present public education as it is today, go to the overcrowded, poorly equipped, poorly staffed schools which enroll less than 400. Let Americans, who are spending far more money on liquor and tobacco, meditate on the fact that one out of three of our children is not being provided with an education suited to the needs of today.

FRED L. ENGLE
Principal

Manchester High School
Manchester, Md.

Sirs:

Our hats are off to LIFE's superb reporting. We await with anticipation your further examination of secondary education in this series.

VIRGIL ROGERS
Dean

Syracuse University
Syracuse, N.Y.

Sirs:

This article portrays accurately not only the substance but also the spirit of the modern American high school, which is our outstanding contribution to education. I join with thousands of other educators in thanking you for your significant interpretation of this great institution.

A. J. STODDARD
Superintendent

Los Angeles School System
Los Angeles, Calif.

Sirs:

As former Davenport students, we commend your objective article. We have heard a few complaints but feel you caught the school in a natural light.

KIRK BOYD
DAVE FLEMING

Davenport, Iowa

Sirs:

When I was in the sixth grade in 1940, *tutory* ("... a language which drops extra syllables recklessly into ordinary English ...") was known to me as Double Dutch. It was used effectively on numerous occasions requiring boyhood secrecy. Reading your article, it seemed remarkable to me the code has traveled so far, even into the hands of Yankees.

ALBERT L. MOSLEY JR.

State College, Miss.

Sirs:

Whopen opI wopent topo hopigh schopool, wope spopoke thope Opop Langupopage, opand opalmopost fopanstoper thopan opordopinoparopy Openglopish. Topo mopy opuptnpor opastopponopishmopent, opI fopind opI copan stopill dopo opit opaltoper fopiftopeen yopears!

LOPOCKROPEM JOPOHNSOPEN

New York, N.Y.

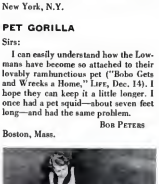
PET GORILLA

Sirs:

I can easily understand how the Lowmans have become so attached to their lovably rambunctious pet ("Bobo Gets and Wrecks a Home," LIFE, Dec. 14). I hope they can keep it a little longer. I once had a pet squid—about seven feet long—and had the same problem.

BOB PETERS

Boston, Mass.



● Robust Bobo has finally gone off to Seattle's Woodland Park Zoo. Mrs. Lowman helped him adjust by staying with him seven days and nights in his new glass cage where she slept on a cot (*above*), gave him frequent hugs. Now Bobo is performing happily for capacity crowds (*below*).—ED.

NIXON MAKING GOOD

Sirs:

LIFE's Horatio Algerish piece on Vice President Nixon ("Success Story of a Vice President," Dec. 14) may be good editorial melodrama, echoing some of the "ham" of Nixon's own "true confession." But the twin threat of a possible atomic attack at a time when the nation, except for a continuing heartbeat, may be under the leadership of this political opportunist of debatable maturity who makes a virtue of compromise and plays the field all the way from McCarthy to Dulles with equal facility, is still a sobering thought to many Americans.

FRED R. KEARNEY

Bakersfield, Calif.

Sirs:

Your excellent article honestly delineates a public servant who acts according to principle and does not avoid, as "impure" and "corrupt," the healthy workings of party politics. Richard Nixon proves that the traditional virtues of honesty, determination and hard work—and a strong sense of reality—are still the essential assets of a working politician.

WILLIAM H. CUDDY

Worthington, Ohio

Sirs:

Robert Coughlan has written a greater Horatio Alger story than any of us could have anticipated. To me it represents all the things I ever hoped and worked for and am still striving for. I believe Mr. Nixon is capable of doing for the world what he has done for me: restored my faith in America.

EDWARD C. BEANST

Los Angeles, Calif.

Sirs:

Just how strong a stomach do you people think U.S. citizens have? We are not satisfied that Mr. Nixon's record is anything but a disgrace.

MRS. E. A. KRUMB

Detroit, Mich.

Sirs:

You say Nixon's mother, Hannah, "secretly voted for Woodrow Wilson in 1916." Secretly indeed, considering the 19th Amendment (woman suffrage) was not ratified until 1920.

PAT J. MARINO

South Norwalk, Conn.

● California granted full suffrage to women in 1911, sixth state to do so. Until passage of the 19th Amendment the power to qualify or disqualify a voter on the basis of sex rested with the states because it was not specified in the Constitution as a federal power.—ED.

SCRABBLE

Sirs:

Re "Little Business in the Country" (LIFE, Dec. 14): I feel sure Smith was keeping score on your hypothetical Scrabble game. Jones makes the words PREVENT and THORN, using all seven of his tiles, yet is not given the 50 point bonus for doing so. If I were Jones I'd certainly never play with Smith (or LIFE) again.

MARSHALL J. WOLINS

Los Angeles, Calif.

Sirs:

I doubt that Jones stands a chance of ever beating such slick o-f-hand mathematics as that displayed by Smith.

NATE WHITE

New York, N.Y.

CONTINUED ON NEXT PAGE

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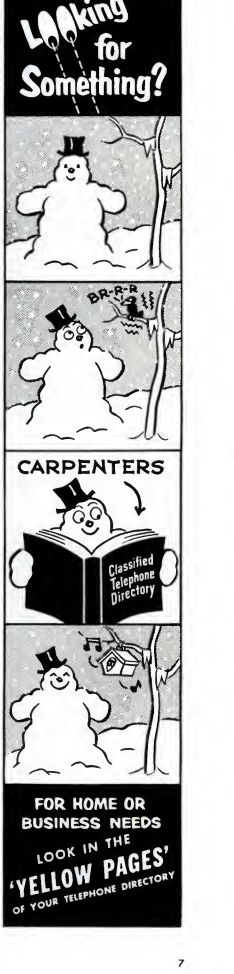

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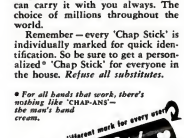

LETTERS TO THE EDITORS CONTINUED

Sirs:

We Jones Scrabble converts rise in revolt: Smith wins by 88 points, not by 138 points as you state.

ROGER LEWIS JONES

Chicago, Ill.

● SOOFED MEBODY say Scrabble's manufacturers, who made the error in a deluxe set instruction pamphlet (reprinted by LIFE), 25,000 of which were sold before the error was caught. The pamphlet now has been revised with the corrected score of Smith, 456; Jones, 368.—ED.

Sirs:

How utterly refreshing is the business philosophy underlying Scrabble! How different from the struggle for higher and higher profits. . . .

GEORGE HOPKINS

Eugene, Ore.

PUSAN FIRE

Sirs:

During the Pusan fire ("Blazing Disaster in Pusan," LIFE, Dec. 14), I took some pictures to remember the way the thing hit me. Here *(below)* is one of them. It was not so much the loss of life or cost in money that made this a disaster, but the terrific increase in homelessness in a town that war has swollen to twice its usual size. To me, at least, that's what this picture says.

PFC. JOHN WEISHMAN

APO 59, c/o P.M.
San Francisco, Calif.

PUSAN AFTERMATH

EDITORIAL

Sirs:

One part of your otherwise excellent editorial ("A Day for Journalism to Remember," LIFE, Dec. 14) was unworthy: "We are particularly at odds with the *Post-Dispatch*'s tendency to carry its neo-Truman-Stevensonism to the point of decreeing that people of the Harry Dexter White stripe deserve some kind of mysterious favoritism under the principle of civil liberties, until their guilt has been proven in court." This doesn't seem to have been written by the same person who wrote the rest. LIFE has been so fair and has done so many fine things over the years that I cannot understand the sometimes fanatic and illogical positions its editorials take. . . .

GERARD T. BRYANT
Assistant Dean

Lincoln Junior College
Kansas City, Mo.

● LIFE went on to say, "When the *Post-Dispatch* writes that a White has been accused as a spy, which indeed White was, it writes 'spy' in quotation marks. This is a form of backward-bending which seems to us rather untoward on the part of a newspaper which has never hesitated to call errant politicians and businessmen thieves and blackguards long before these epithets were made official by a jury."—ED.

Sirs:

I am moved to write my congratulations on the finest editorial I have read in your publication in some months. Paraphrasing your particularly appealing last sentence: Even when I disagree completely with LIFE, I admire it as a worthy spokesman for the opposition.

E. GEORGE
Editor

The Geneva County News
Samson, Ala.

Sirs:

Having been managing editor of the St. Louis *Star*, later the *Star-Times*, for 28 years (1913–1941), I applaud your recognition of the *Post-Dispatch*'s 75th anniversary. Its editorial policy on vital issues may have undergone "some wide swings," as you accurately state, but that undoubtedly can be traced to the fact that it is a human, not a robot, newspaper. Publisher Joseph Pulitzer II is that rare phenomenon, a great newsman's son following in his father's footsteps with fearless tenacity and uncompromising honor.

FRANK W. TAYLOR

Red Hook, N.Y.

PLEASE REMIT

Sirs:

Thanks for a very fine presentation ("Please Remit," LIFE, Dec. 21). The life of a credit investigator, grantor, or collector is often made a little easier after such articles—at least for a little while. It was a real boost for our work.

DAVE S. NEILSON

Whiteville, N.C.

Sirs:

Dun & Bradstreet's headquarters are at 99 Church Street, not on Wall Street as you state. It serves Main Street as well as Wall Street, and its 28-pound rating book lists three million concerns in the U.S. and in Canada, more than 90% of which are small, many of them very small.

A. M. SULLIVAN

Dun & Bradstreet, Inc.
New York, N.Y.

Sirs:

Mulfer the bill bully is wasting time dunning delinquents. So remittances are remiss—who cares if you've got an expressive kisser like his? Why, the man is obviously America's answer to France's Fernandel.

JACK CAHILL JR.

Chicago, Ill.

SMOKING AND CANCER

Sirs:

Part of your well-balanced summary ("Smoke Gets in the News," LIFE, Dec. 21) needs qualifying. Referring to Dr. Essenberg's experiment, in which mice were exposed to cigaret fumes, you said a "significant percentage of them got lung cancers." The fact is that a significant percentage (59%) of the mice used as controls (*i.e., not* exposed to smoke) also got tumors because a strain genetically susceptible was used.

It is true that more (91%) of the exposed mice showed tumors. But these tumors were not of the type involved in the striking increase in human lung cancer. The crucial experiment—producing epidermoid cancers of the lung in animals through smoke inhalation—has yet to be done.

CHARLES S. CAMERON, M.D.
Medical and Scientific Director
American Cancer Society, Inc.
New York, N.Y.

● Though neither Dr. Essenberg nor any other smoke inhalation researcher has yet produced in mice epidermoid cancer (currently the most dangerous form of human lung cancer), Dr. Essenberg did produce in mice a 32% increase in less prevalent forms. He believes this "significant," as LIFE stated. Researchers hope soon to devise a workable technique for producing the epidermoid form. If they do, this would actually prove causation and lead to the next step: to isolate possible cancer-producing agents in cigarets.—ED.

Sirs:

Of all people who smoke cigarets how many develop lung cancer? This is vastly different from the number of victims who smoke cigarets. . . .

HERMAN F. MEYER, M.D.

Chicago, Ill.

● To help find out, American Cancer Society workers in 1951 began a mammoth comparative survey, which they expect to complete by mid-1955, of nearly a quarter million smoking and nonsmoking white males between 50 and 69.—ED.

EISENHOWER AT U.N.

Sirs:

"Pensive President" is one of the most beautifully eloquent portraits I have ever seen ("United Nations Applaud, A Humble Man Listens," LIFE, Dec. 21). Thank God President Eisenhower is the kind of man he is to enable Herb Scharfman to get the kind of picture he got.

MRS. W. F. PICKERING

Columbus, Ohio

Sirs:

All the kindness and humility of the world *is* expressed in that wonderful picture.

ATHALIE PATTERSON

Bristol, Tenn.

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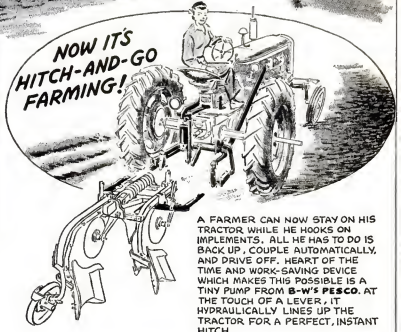

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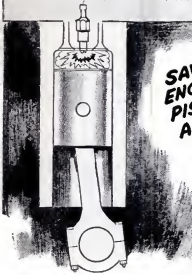

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LIFE

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QUEEN ELIZABETH MAKES A PICTURE RECORD OF HER TOUR, NATIVES OF FIJI DANCE FOR HER, AND BRADLEY SMITH FOCUSES ON A CARIBBEAN ISLAND

AWAY FROM WINTER TO WONDERLANDS

It is the time when those of us who live in the North Temperate Zone, beset by howling winds, skidding snow tires and the cold glare of Christmas bills, would like to pack up and seek the gentler climes. For those who are not packed up for such a trip LIFE offers in this issue some vicarious cruising in the delightful latitudes.

The Commonwealth tour being made by Queen Elizabeth and the Duke of Edinburgh gives us a chance to visit the South Seas, where the royal couple is enjoying the hospitality and pageantry of Fiji and Tonga. While the queen (*above*) was taking some movies of her travels, LIFE Photographer Eliot Elisofon was getting pictures for the story on pages 15 through 19.

Photographer Bradley Smith currently is in Connecticut, poor fellow, warmed only by the memories of his 40 days traveling in the Caribbean to take the color pictures which make up the photographic essay on pages 76 through 89. Smith's trip entailed the travel romance of which tourists may dream but seldom realize because they must stick to a hurried schedule and to established tourist facilities. He started out from Florida conventionally enough in a DC-6 but soon was riding a Grumman Goose, a native launch, a chartered sloop with motor and sail—in which he was once temporarily lost at sea—and eventually a converted yacht named the *Blue Peter*. He rode jeeps on the remote islands, once an old Jaguar and on Dominica took to a horse, which proved to be more feeble than Smith, so he took to foot travel.

Lest envy run its course too far take a look at another seagoing story, the one on pages 110 through 114 of the Mission of the Shantymen. Photographer George Silk made a holiday trip with missionaries who brave the "Graveyard of the Pacific" off Vancouver Island to bring God, friendship and service to isolated residents. The trip with them may not be warming to the epidermis but it certainly is to the cockles of the heart.

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LIFE
Vol. 36, No. 2 January 11, 1954

SMILING OVER MEMORIES OF CORONATION RAINS IN CHILLY LONDON QUEENS ELIZABETH AND SALOTE HOLD UMBRELLAS AGAINST RAINS IN TROPICAL TONGA

ELIZABETH SAILS THE SOUTH SEAS

In the town of Nakualofa, capital of the kingdom of Tonga in the South Seas, two friends met again. One was Queen Salote of Tonga, who had visited London last June and all but stolen the coronation show by riding in an open carriage through the chilly, rain-drenched streets. The other was Queen Elizabeth of England, come to return Salote's visit as part of her royal tour through the Commonwealth. As the two queens greeted each other at the dockside and seated themselves in their automobile, it suddenly began to rain again. But Salote beamed, for rain in Polynesia is an omen of good fortune.

Elizabeth's grand tour, begun with visits to Bermuda and Jamaica (LIFE, Dec. 7), had taken her on the liner *Gothic* from the Panama Canal to the South Seas and Fiji, by plane to Tonga in the islands which the explorer, Captain Cook, named the Friendlies because the natives did not try to eat him. Elizabeth rode through Fiji streets lined with waving Union Jacks and quiet people, because custom dictates silence for great chiefs. There her greeting was "*Ni mata vinaca mai na marama na ranadi*"—"Welcome here, Your Majesty." In Tonga it was simpler: "*Ofa ata*," or "I love you."

ON BAMBOO DAIS ELIZABETH HOLDS ONE WHALE'S TOOTH WHILE FIJIANS BRING HER A BUNDLE OF OTHERS. AT RIGHT IS A NATIVE OUTRIGGER SAIL CANOE,

SUGAR-CANE RAILROAD in Lautoka, Fiji decorated locomotive with pictures of the queen, duke, royal children and Queen Mother Elizabeth and the late King George VI in honor of the royal visit.

A HEARTY WELCOME WITH WHALE TEETH

There was queen's work for Elizabeth in the islands. She visited schools, inspected sugar plantations, planted a tree. But an air of lightheartedness, reflecting the easy life of the islands, pervaded her visit.

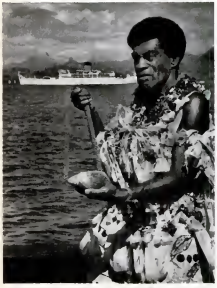
On the queen's ship Fijians did *cavuikelekele*, an invitation to land, then escorted her ashore to shower her with whales' teeth, ripe bananas and dressed pigs. John Christian of Pitcairn, a descendant of the *Bounty*'s Fletcher Christian, brought a wooden cane and vases. She accepted the traditional cup of *kava*, a drink strained from pepper tree roots, sipped it and passed it to the island's governor. In Fiji there were bluenoses who thought some local dances too strong for the House of Windsor and got them canceled. In Tonga the queen saw the same dances and enjoyed them thoroughly.

WHICH WAS USED IN THE CEREMONIAL WELCOME

IN FIJI Elizabeth and proud headmistress, Frances Charlton (*left*), inspect cross-legged students from Queen Victoria boys' school who visited a girls' school to dance for the queen at a tea party.

IN TONGA roast suckling pigs are shown by crewmen of cruiser *Black Prince*, which escorted queen.

MAORIS danced welcome in New Zealand where train wreck killed at least 155 coming to see queen.



WHALE'S TOOTH, one of a mouthful given the queen, was presented by a canoeist in Suva harbor.

CONTINUED ON NEXT PAGE

FOR A TONGAN RECEPTION of feasting, dancing and merrymaking in the great mala'e or park in Kauvai, women attendants lay out carpet of tapa cloth for the two queens. This native carpet is made of many sheets of hiapo bush bark glued together with a tapioca paste and colored with the dye from the koka tree.

ELIZABETH'S SAILORS from the cruiser *Black Prince* sit on long mats as Tongan women move among them showing them how to drink coconut milk.

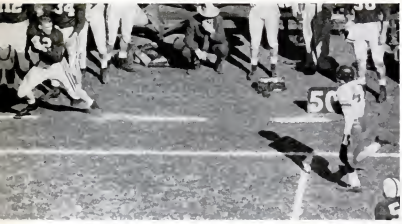
THE PAIR AND THE TORTOISE

There seemed no limit to the hospitality, South Seas style. The islanders wove special rugs for royalty. At the large banquet for Elizabeth, chickens, roast suckling pigs, taro, yams, breadfruit pudding, coconuts, bananas, pineapples and watermelons were stretched out endlessly. The royal pair even met a living reminder of an earlier Tongan hospitality—a tortoise which, by legend, Captain Cook had given a chief of Tonga in appreciation for the peaceful reception given him in 1777. Now some 200 years old, the tortoise, whose name is Tui Malila, wanders about Salote's palace grounds. Elizabeth stirred it with a toe. Philip patted it on the shell. But Tui Malila, who is blind, could not see his distinguished visitors.

LEAVING THE FEAST, Queen Elizabeth, walking under a parasol carried by a courtier, and her beaming hostess Salote stroll down the long tapa cloth carpet.

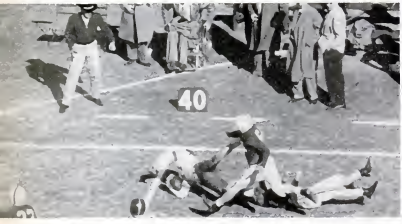
QUEEN AND HUSBAND MEET CAPTAIN COOK'S AGED TORTOISE →

TOUCHDOWN RUN STOPPED BY MAN ON BENCH



ALABAMA'S LEWIS (42) LEAVES BENCH AS RICE'S MOEGLE PASSES MIDFIELD

ILLEGALLY ON FIELD, LEWIS THROWS SAVAGE BLOCK AND SPILLS MOEGLE



MOEGLE AND LEWIS GO DOWN AS A LEGAL ALABAMA TACKLER CHARGES UP

REFEREE GIVES RICE TOUCHDOWN, PUTS BALL IN PLACE FOR EXTRA POINT

STANDING PERILOUSLY CLOSE BEHIND A TEAMMATE, OKLAHOMA'S BUDDY

BIG KICKS IN

New Year's Day football games get an extra lift

The encores to the regular 1953 season at the football bowl games on New Year's Day produced a pair of spectacular effects—one startling, the other stirring. At the Cotton Bowl in Dallas, 75,504 spectators saw the most unorthodox play since Roy Riegels ran the wrong way in the 1929 Rose Bowl game. Alabama's alternate Captain Tommy Lewis (*left*) was catching a breather on the bench during the second quarter of the Cotton Bowl at Dallas when Rice's Dicky Moegle broke loose on his five-yard line and went tearing down the sidelines. Leaping impulsively to his

LEAKE PULLS LEG BACK TO PUNT. KICK WAS WEAK, WENT ONLY 36 YARDS

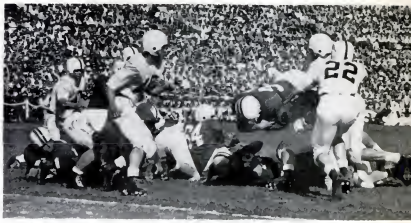
BOWL GAMES

from a goofy tackle and dramatic goal line stand

feet, Lewis ran onto the field, knocked Moegle to the ground with a savage block (*left*). When he picked himself up Lewis kept saying, "I didn't do it. I didn't do it. But I know that I did." Rice won 28–6.

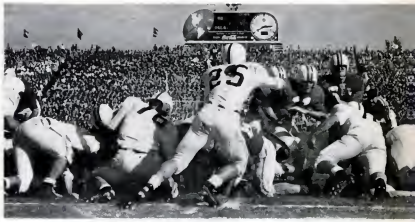
In Miami's Orange Bowl game a poor punt (*above*) by Oklahoma, the nation's No. 4 team, gave Maryland a scoring chance. After getting first down on the four-yard line, Maryland, the nation's No. 1 team, pounded the Oklahoma line four times (*right*) but wound up a foot short of the goal. After this remarkable goal line stand, Oklahoma went on to win, 7–0.

TOP TEAM STOPPED FOUR TIMES ON GOAL LINE



ON FIRST DOWN MARYLAND HALFBACK HANULAK PLUNGES FOR TWO YARDS

ON SECOND DOWN HALFBACK NOLAN (22) MAKES NO GAIN ON AN END RUN



ON THIRD DOWN QUARTERBACK BOXOLD (11) GETS TO THE TWO-FOOT LINE

ON FOURTH DOWN OKLAHOMA LINE SMOTHERS RUNNER A FOOT FROM GOAL

INDOCHINA INFIGHT

French smoke out Reds in battle for rich rice delta

In Indochina two Communist divisions launched an offensive which quickly cut the country in two. A grandstand play, this made headlines in the U.S. But it failed in its main purpose: to draw the main body of French Union troops from a 7,000-square-mile triangle in the rice delta near Hanoi, some 250 miles north and east. There the French are fighting a bread and butter war, trying in endless infighting to clean the enemy out of the jungle holes he digs and the rice fields he studs with booby traps. In a sudden thrust, 30,000 men fell upon the Reds, destroyed one battalion and scattered another. In the cleanup they counted 400 Reds killed, 688 men and 200 weapons captured. Meanwhile, after their cross-country dash, the Reds in the south faded into the bush. French General Henri Navarre was talking—perhaps optimistically—of victory in 1954.

BOOBY TRAPS of barbed spikes dipped in buffalo dung pierce French soldier's rubber soles, cause immediate infection, will put a man out of action six months.

←FRENCH TAKE OUT DEAD AND WOUNDED IN TIED-TOGETHER BOATS

SEARCHING FOR WEAPONS, mines and booby traps abandoned by the retreating rebels, Vietnamese soldiers probe gingerly with bare feet along the bottom of a paddy in the village of Cao Bat Lu.

RED OUTPOSTS were holes in jungle. When the French appeared, sentry rang gong hanging in tree.

CAPTURED RED wriggles out of hole. A coolie pressed into service, he will now work for French. →

FUSSES OVER LADIES AND A LADIES' MAN

ALL of a sudden a number of American women in various parts of the world felt constrained to demonstrate their womanliness in what seemed to be a highly aggressive fashion.

In Korea, where she had gone with a USO troop to entertain American soldiers by playing a "strip-tease Santa" in a white ermine bathing suit, Movie Actress Terry Moore wore the suit a few times and then announced that she was mysteriously "ordered" to put some clothes on and go home. This was news, and resulted in a flood of photographs showing Miss Moore in the suit *(left)*. However, no one was very sure who had issued the order that she go home. The U.S. Eighth Army headquarters denied that it had done so. So did X Corps Headquarters.

Miss Moore said the restraining order had come from George Murphy, the chairman of a Hollywood committee which supervises USO shows. Murphy said it hadn't. It would be "unfortunate, a great exhibition of bad taste," Murphy said, if anyone "should use such a tour as a means of personal publicity." Replied the actress, "I could get away with wearing this suit in any movie. And you know how tough the Breen Office is." Miss Moore's mother had accompanied her to Korea because, as Miss Moore said, "The Army thought it would be wonderful for the boys to see a mother."

TERRY MOORE wears a suit she was or wasn't told to cover.

In a Las Vegas, Nev. nightclub the great Marlene Dietrich, the lovely and the dignified, indeed the incomparable, walked out onto the stage in an absolutely incredible getup. It did not have a low-cut top. It had no top at all, save for a transparent film of net on which rhinestones were sprinkled at real random. Marlene was getting $30,000 a week for this exhibition (the dress cost $6,000), but whether that salary made her happy, nobody knew. In any case that is unimportant in terms of a current showbusiness wisecrack—"What good is happiness? You can't buy money with it."

Marlene's dress was designed by a Frenchman named Jean Louis, of the Columbia studio. "I would not advise other women to take up the fashion," Louis observed. In explaining how he came to design it, Louis added, "I wanted to make the skirt transparent to show her legs," he said, "but she didn't want that. I was heartbroken. So. . . ." To those who are fond of Marlene it was nice that Louis was merely a little heartbroken and not actually depressed.

In Hollywood, Howard Hughes released his new movie, *The French Line*, in which Jane Russell stars. The film contains some questionable dance scenes (offensive largely because of camera angles). It was released by Hughes without the approval of Hollywood's Breen Office, and last week was condemned in St. Louis. In Miss Russell's case, however, there was an unusual factor. She didn't like the dance scenes either.

"I fought and beefed and argued over scenes in the picture," she said earnestly. "I had an awful time with some of the dance costumes they wanted me to wear. They were really bad—hardly anything at all. I don't like the accent on sex and never have." Her last sentence is one of the most remarkable utterances ever made west of the Sierras, and no one has yet suggested that Miss Russell does not mean every word of it, although it would scarcely do for a caption for her photograph *(above)*.

JANE RUSSELL objects to this pose, says, "Some people expect me to have four men slung over my shoulder. They're surprised to find out that I'm a lady."

While these things happened in the world of make-believe, there took place in New York an episode in the real-life true story of just plain Porfirio Rubirosa. (His life will probably not be made into a movie. If it is, it will never get as far as St. Louis.) Rubirosa married Barbara Hutton.

RUBIROSA is a 43-year-old Dominican diplomat, presently minister plenipotentiary to France, who gets terribly sentimental about women and frequently marries them. He has been married to two of the world's most beautiful—Flor de Oro (Flower of Gold) Trujillo, daughter of the former Dominican president, and Danielle Darrieux, the French actress. He has also been married to the world's richest woman—Doris Duke—and in Barbara Hutton has married the world's second richest.

Miss Hutton has been married five times, her other husbands having been Prince Alexis Mdivani, Count Kurt Von Haugwitz-Reventlow, Actor Cary Grant and Prince Igor Troubetzkoy. Rubirosa has no title of his own, but the New York press has ably supplied the need. The *Daily News* refers to him as "the boudoir problem of two continents" in reference to the divorce actions in which he has been cited as correspondent. The Dominican Republic fired him recently because of these involvements. Last week Rubirosa was reinstated as a sort of wedding present from President Trujillo, who holds no grudge against him.

Rubirosa and Miss Hutton had a brief but exciting engagement during which they were heckled from the sidelines (actually from Las Vegas) by Zsa Zsa Gabor the actress. Zsa Zsa has only been married three times. Zsa Zsa told everyone who would listen to her that Rubirosa had desperately wanted to marry her, that he was even then proposing to her

MARLENE DIETRICH walks off the dimly lit stage of the Sahara Hotel in her gossamer-top dress. "This dress might cause talk," said Designer Jean Louis.

by telephone at frequent intervals, and that he had in furious frustration taken a poke at her.

"In Spanish, Rubirosa means a red rose, but to me it's a black eye," she said, adjusting a big black patch over her right eye. "He said to me, 'If you do not marry me now I will marry Barbara Hutton.' I said, 'That is a smart idea.' He said, 'Why won't you marry me?' and I said, 'If I must tell you the truth, I am in love with George.' [This refers to George Sanders, the actor. George and Zsa Zsa are in the midst of getting a divorce. "She is discarding me like a squeezed lemon," George says.] And so then Rubi hits me. I am the luckiest woman who ever lived. He might have broken my head or my nose. . . . A man only beats a woman if he loves her. I always loved George, the love of my life. After our divorce, George and I will be beaus."

Rubirosa denied that he had proposed to Zsa Zsa, recently anyway. Miss Hutton, when asked to comment on Zsa Zsa's announcements, said, "I am a lady."

Miss Hutton will not share any of her vast fortune, estimated at $50 million, with Rubirosa. When reporters asked him about that, he replied stiffly, "I have plenty of money of my own," probably referring to the stipends received from previous marriages. "What property she has is hers, and what property I have is mine. Miss Hutton has brought something grand into my life."

"Like what?" asked a reporter.

"Sincerity, sincerity will do," said Miss Hutton.

She paused and appeared to be very melancholy. Then, almost to herself, she said, "It makes me sad when I think back on all the silly things I have done—but I didn't think they were silly when I did them."

FOR RICHER OR POORER . . .

RUBI AND BRIDE Barbara Hutton stand up for wedding ceremony. During previous marriage to Doris Duke, Rubi smoked cigaret, this time merely smiled.

CONTINENTAL TOUCH by bridegroom Rubirosa does not impress Barbara Hutton's 17-year-old son, Lance Reventlow *(right)*, who attended the wedding.

ZSA ZSA GABOR adjusts an eye patch before going to the hospital as a result, she says, of beating. She was admitted for, among other things, lightheadedness.

FIRE AND THE DEVIL WIND

Blaze whipped by a desert gale imperils Mt. Wilson observatory

In California, two days after Christmas, a desert wind called the Santana, which old inhabitants say is Indian for "devil wind," began to blow through the scrub pines of the Angeles forest. The vast tract, which covers Mt. Wilson and borders Los Angeles, was tinder-dry from months of drought.

Four hours later a ranger spotted smoke. Firefighters rushed into action, but the wind-whipped flames had become too fierce to challenge. Radioing for all possible help, the rangers planned a stand on Mount Wilson's summit to save eight television transmitters and the world's second largest observatory.

Meanwhile, the Santana blew up to 80 miles an hour, scattering flames and embers until 50 miles of mountain skyline glowed fiery red. Wind-borne ash fell in Santa Monica, 40 miles away. On Monday the Santana suddenly died out. Indian experts at mountain firefighting, flown from Arizona and New Mexico, helped build firebreaks, which halted one arm of flame within 300 yards of the observatory.

The big fire, possibly started by a careless smoker, after five days had destroyed more than 15,000 acres of watershed forest and caused damage estimated at $7 million. It was still burning, but without the devil wind to aid the flames it at last appeared under control.

INDIAN FIREMAN, a Zia who was one of 450 Indian firefighting experts flown in from nearby states, hefts ax mattock he used to help clear fire lanes.

SPECTATORS (*above*) watch as flames sweep Big Santa Anita Canyon. Below, Al Eaton, 70, comes out of canyon with his dogs after four-mile hike to safety.

FLAMES IN A CANYON rage out of control as firemen struggle with their hoses in blistering heat.

◀— **SMOKE ON MT. WILSON** billows up as flames are halted near observatory domes and TV towers.

LETTER TO A FRAULEIN

Dear *Fräulein:*

Your dilemma was discussed in Lewis Gannett's book column last week in the New York *Herald Tribune*; for the benefit of those who came in late, let's recapitulate it briefly. A university student in Munich, you met there some Americans associated with the Crusade for Freedom—the organization of our National Committee for a Free Europe to send truth behind the iron curtain. These Americans struck you as selfless and dedicated. But then you read several novels by William Faulkner and John Steinbeck's *Cannery Row* and you were appalled by the pictures they gave you of our country and its citizenry which were so at variance with the types of Americans you had met. What American books, you wanted to know, would explain the thoughts and backgrounds of those dedicated Americans?

Your dilemma, dear *Fräulein*, though interesting, is by no means unusual. For some while now many American readers have been themselves pretty startled at the pictures of American life drawn by American novelists. It has been pointed out that our good fiction writers have seemed to feel like giving up on their country long before their readers have felt like doing so. This, however, is not a recent development: American fiction of merit started turning pessimistic about 70 years ago. No doubt your American advisers over there have recommended *Huckleberry Finn* as a truer delineation of the American spirit. Well, it is a great book and you should certainly read it, if you haven't already, but don't let them kid you about its author, Mark Twain, who was probably as pessimistic about American life as all our contemporary fiction writers put together.

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It was not until after World War I, though, that pessimism among our major fiction writers really got pumping. We were in an economic boom during the 1920s, and the predominating theme of nearly every good novelist was the futility of it all: nothing really mattered any more, nothing. But when the economic depression came in the 1930s, our fiction writers dropped despair and snatched up literary rocks and brickbats, which they hurled at stuffed dummies labeled Capitalism in a dreary succession of what came to be known as "strike novels," many of them written in avant-garde style, too boring or difficult to unsnarl. Our entry into World War II ended the militant pro-labor trend in our fiction, for it was discovered that even Capitalism might come in handy if democracy was to be preserved. But when the smoke lifted, a number of our fiction writers—especially the younger ones—turned out books arguing that just about every officer in our Armed Forces was a caste-ridden, sadistic beast toward the enlisted men he commanded.

Consider the following quotation: "It is a source of continual astonishment to me that the nation which has the world-wide reputation of being the most optimistic, the most gregarious, and the freest on earth should see itself through the eyes of its most sensitive members as a society of helpless victims, shady characters, and displaced persons. . . . In novel after novel one encounters heroes without honor or history; heroes who succumb so monotonously to temptation that they cannot truly be said to be tempted at all . . . heroes whose sole moral virtue is a stoic endurance of pain and disaster." That, dear *Fräulein*, was written by W. H. Auden, a great British poet and critic who is now an American citizen.

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In short, few of our good fiction writers have ever had a sunny slant on their native land. We have had writers to burn who have been almost unbearably sunny, but what they have written has been largely trash. It is therefore difficult to recommend first-rate American fiction that would help solve your dilemma. You might try *The Yearling* by Marjorie Kinnan Rawlings, H. L. Davis' *Honey in the Horn* and, for the America of another time, *My Antonia* by Willa Cather and the works of Booth Tarkington, a greatly underrated novelist.

But here's a suggestion. Why not, for the time being, drop our fiction writers as your tutors in learning something of the backgrounds of those Americans who struck you as dedicated? A fiction writer, no matter how great, never speaks for his country; he speaks merely for himself. Turn instead to some of our poets and writers of nonfiction.

Read *John Brown's Body* by Stephen Vincent Benét and *Leaves of Grass* by Walt Whitman. For more background on this Civil War period (and nobody can hope to understand our country without knowing something about it) read Benjamin P. Thomas' one-volume *Abraham Lincoln*, *Reveille in Washington* by Margaret Leech and the writings of Douglas Southall Freeman. Then read *The Education of Henry Adams*. This is a lot of reading, dear *Fräulein*, and all serious stuff, so for relaxation we prescribe soothing draughts from *A Subtreasury of American Humor*, by E. B. and Katharine S. White.

As to some recent works that might ease your dilemma, we advise that you consult Charles A. Lindbergh's *The Spirit of St. Louis*; also Frederick Lewis Allen's *The Big Change*, which tells what happened to this country in the last half century. Finally, read *The River and the Gauntlet* by S. L. A. Marshall. It describes the U.S. Eighth Army's defeat in North Korea when it was overwhelmed by the Chinese Reds. That may seem a strange recommendation, but nothing in our day can convey to you better what is back of those dedicated Americans you met.

THE RISKS OF POLITICS

A politician, it was once assumed, accepted all the risks of his calling in running for public office—including the ultimate risk of being turned out of office and torn from the public payroll. But two recent events suggest that even the once intrepid politico is benefiting from the trend towards security for all.

► Mayor Philip Wilmer of Chestertown, Md. took office for his 10th term last week apparently because there was nobody else in the town of 3,100 people who wanted to run and had a dozen voting friends. Wilmer was elected by 11 votes to 0.

► Mayor Vincent R. Impellitteri, finishing an undistinguished term as Mayor of New York, was promptly appointed a judge by his successor, Robert F. Wagner Jr., who defeated him after bitter politicking in the Democratic primary last September. In his new job Impellitteri will be paid $19,500 a year and in less than two years will be eligible for voluntary retirement at age 55 on a pension of $20,000 a year.

We have nothing against the Mayor of Chestertown who undoubtedly merited his tenth term of office. But as a general rule we feel that giving security to politicians is like overtipping waiters: it makes them arrogant and self-satisfied and you don't get much service.

He showed us how to face big jobs...

A LOT of thumping good books have been written about New England's whaling man. And you don't have to read far to learn that here was a hero who is hard to beat in all this country's hero-studded past.

You can read how he hunted the Atlantic after whale oil till the whale fled that ocean. Then how he prowled the Pacific clear to the ice barriers and back, nosing home again around Cape Horn, where all the weather in the world can pour out in one place.

You'd learn how his hunt for whale grew till a single voyage ran three and four years... and how his family sometimes came along, and sometimes sweated it out in their own brave way back home.

You can read how these men got so good at their trade that other countries sent for them to teach their own whale hunters how to do it.

And you'd see how petroleum finally came along, and America's whale business just died out.

But the big thing to remember is a quality the whaleman had that never has died out. The big thing is the way he behaved himself when he hove alongside the monster he sought.

There stood the man, maybe six feet tall and 200 pounds.

And there lay Leviathan, sometimes big as a dozen elephants rolled into one, every monstrous ounce of him mean as could be.

That's when it could seem easier just to turn and go away. That's when it might look smarter just to have stayed at home. So that's exactly when the whaleman drove the harpoon deep and battled the monster till the man had won. For that was the big job he was there to do.

We can still use a lot of what the whaleman had. As a people who face more big jobs every day, it's good to have in our own American tradition the whaleman's example of what courage and cool heads can do.

These are what the whale hunter had. These are what big jobs will always need.

John Hancock MUTUAL LIFE INSURANCE COMPANY
BOSTON, MASSACHUSETTS

HOW MANY DO YOU KNOW?

CREAM OF ASPARAGUS: A velvety-smooth purée of choice asparagus blended with table butter. Succulent asparagus tips added generously! Like a taste of Spring.

BEAN WITH BACON: Hearty, old-fashioned bean soup . . . chock-full of plump, juicy beans, made extra-savory with the flavor of smoke-house bacon!

Delicious discoveries await you among all these Campbell's Soups

Here are soups for every taste . . . for every appetite . . . for every occasion.

Rich and savory beef soups . . . hearty, nutritious vegetable soups . . . golden, flavorful chicken soups . . . soups made of clams, mushrooms and other delicacies.

Some are puréed; some are clear. Oodles of noodles in others. . . . More than a dozen choice vegetables . . . pieces of meat a-plenty. Variously blended . . . mingled in tasty broth . . . gently seasoned and expertly spiced.

Try some "new" soups—*soon!*

Campbell's **SOUPS**

BEEF: Plenty of tender pieces of beef with nourishing vegetables, mingled in a sturdy beef stock! If it's real beef you're looking for—this has it!

BOUILLON: (Beef Broth) A clear broth, delicately flavored with choice garden vegetables. A tempting dinner appetizer; a refreshing pick-up between meals.

CREAM OF CHICKEN: Rich, flavorful chicken stock . . . country-fresh cream . . . tasty morsels of chicken. Ideal for satin-smooth gravies and "a la kings."

BEEF NOODLE: A full-flavored beef stock, simmered from selected meat . . . lots of noodles . . . and pieces of beef! Grand good eating for all ages!

CREAM OF CELERY: Crisp garden celery, rushed on ice to the kettle—and blended with extra-heavy cream. Delightful in flavor, a smooth cooking sauce.

CHICKEN GUMBO: Excitingly different is this savory chicken-and-vegetable soup, adapted for modern tastes from an old New Orleans recipe. Delicious!

BLACK BEAN: Once available only in famous restaurants, now enjoyed in so many homes! Choice black beans, puréed smooth and thick . . . deftly seasoned.

CHICKEN WITH RICE: Fine plump chickens simmered for a golden broth . . . fluffy rice . . . tender pieces of meat. Chicken goodness—through and through!

CHICKEN NOODLE: Flavorful chicken stock, with pieces of chicken and golden egg noodles a-plenty! It's a top favorite both with children and grown-ups.

HOW MANY HAVE YOU SERVED?

CLAM CHOWDER: Real, "shore dinner" clam chowder, brimming with chopped bay clams, tomatoes and potatoes . . . in a tangy clam broth. *Mmm, good!*

PEPPER POT: Favorite soup of old Philadelphia . . . cubes of meat, potatoes, carrots, macaroni, herbs, mingled in meat stock and zestfully seasoned.

VEGETABLE: 15 delicious garden vegetables mingled in a rich beef stock! No wonder folks say it's "almost a meal in itself"! An outstanding favorite of children.

CONSOMMÉ: Appetizing beef broth—delicately flavored with tomatoes, celery and carrots—deftly seasoned with herbs. Wonderful served hot or jellied.

SCOTCH BROTH: Famous dish of the Highlanders . . . a thick mutton-and-vegetable soup that delights, nourishes, and "warms the innards." Good eating!

VEGETARIAN VEGETABLE: Another fine vegetable soup made from 15 garden vegetables, but with an all-vegetable broth instead of beef stock. No meat.

CREAM OF MUSHROOM: A velvety-smooth blend of cultivated mushrooms and extra-heavy cream, with mushroom pieces. Delectable...and grand in cooking.

TOMATO: A superb purée of luscious red-ripe tomatoes blended with fine table butter and seasonings. Matchless in flavor! Marvelous as a cooking sauce.

VEGETABLE BEEF: Country-style soup made of tender beef pieces and vegetables, in beef stock. Called "The Square-Meal Soup" . . . and with good reason!

OX TAIL: Robust English-style soup made of beef stock, meaty ox tail joints, barley, and vegetables. It's nutritious, savory—an old-time favorite. Try it!

GREEN PEA: A smooth purée of choice green peas, blended with fine table butter and delicately seasoned. Fragrant and delicious . . . extra-nourishing!

"Keep a full SOUP SHELF for quick, easy meals!"

"For lunch or supper I usually pick a soup and plan a meal around it. I keep the family's favorites always on hand. And I'm *never* without Tomato Soup and Cream of Mushroom . . . I use them so much in my cooking."

Across the mahogany... Men who know whiskey are now saying "FOUR ROSES"

because Four Roses today is the *finest* Four Roses ever bottled. And —in our opinion—that makes it the finest whiskey you've ever enjoyed.

Frankfort Distillers Corp., New York. Blended Whiskey. 86.8 proof. 60% grain neutral spirits.

"SOS" WAS STAMPED FIRST BY PILOT RICKEY. AFTER RESCUE PLANE SIGHTED THEM HE STAMPED "GRW (HIS PLANE DESIGNATION) . . . OK . . . BABY DEAD"

ORDEAL SPELLED OUT IN WILDERNESS

Pilot loses fight to save baby he delivered on frozen Canadian lake

It was a clear northern night as Canadian Bush Pilot Paul Rickey flew across the Manitoba wilderness carrying a pregnant Indian woman to a mission hospital to have her baby, and with her the woman's three other small children and her 12-year-old sister. Suddenly fog forced Rickey to land on God's Lake. In the snow he stamped an SOS and returned to the light plane to find the woman screaming in labor. It was 25° below zero. Delivering the baby girl, the pilot ripped off his wool shirt and wrapped her in it.

As no help came he prepared formula for the baby out of emergency rations, watched over her through sleepless nights and held the other children by turns between his legs to keep them from freezing to death. The fourth day, as his right hand became paralyzed with frostbite, he wrote in his notebook: "Christmas day and perhaps our last day on earth." Next night the baby ("one of the sweetest I have ever seen . . . her dark brown eyes never left me") died, even as Rickey clapped his mouth over hers trying to give breath to keep her alive. The next morning a rescue plane came, and as the rescuers walked up, Rickey turned his head away to hide the tears streaming down his face.

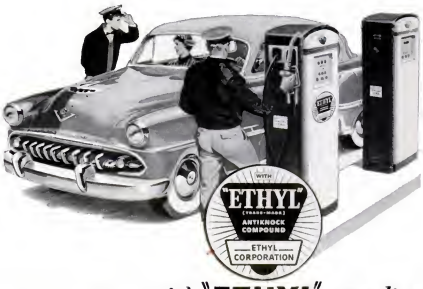
HEROIC PILOT Paul Rickey *(left)* is welcomed back by Pilot Bert Clarke, who picked him off lake.

You seem to coast *up* hills!

The fact that your car can climb a hill isn't much to brag about these days. The question is, "*How* does it climb a hill?"

Does it grind and clank and wheeze? Or do you float up the hill practically as quietly and easily as you would coast down?

A lot of the answer depends on the gasoline you use. Gasoline that "knocks" loses power, often makes it necessary to use a lower gear. High antiknock "Ethyl" gasoline gives you smooth, even power—carries you upgrade without fuss or bother. Try "Ethyl" gasoline today on your favorite hill and you'll see why millions of motorists always stop at an "Ethyl" pump.



ETHYL CORPORATION, New York 17, N. Y.
Ethyl Antiknock Ltd. in Canada

Protect your engine—get more power with "ETHYL" TRADE-MARK *gasoline*

IF YOU SUFFER PAIN
of
HEADACHE
NEURITIS
NEURALGIA
get
FAST RELIEF
WITH
ANACIN
The way thousands of physicians and dentists recommend
Here's Why . . .
Anacin is like a doctor's prescription. That is, Anacin contains not just one but a combination of medically proved active ingredients. No other product gives faster, longer-lasting relief from pain of headache, neuralgia, neuritis than Anacin tablets. Buy Anacin® today!

Delight your dog-
with Krispy, Krunchy
Klix DOG CANDY
New treat even puppies can chew
A taste that "wows" dogs and cats! *Made without sugar.* Veterinarian-approved ingredients build energy—special shape aids chewing. Feed KLIX freely!
for cats and kittens, too!
ANOTHER FINE FRENCH'S PET PRODUCT

LIFE ON THE NEWSFRONTS OF THE WORLD

Some senators attack a presidential proposal; Nehru warns U.S.; two-headed baby is named

The President directed the Atomic Energy Commission, the Defense Department and the General Services Administration to set aside 20-30% of all manufacturing contracts which would normally be awarded through straight competitive bidding, give them to firms in economically depressed areas of the U.S. Southern senators, whose constituents might lose contracts to New England companies, declared they would fight. They were joined by a formidable ally, Senator Knowland, Republican majority leader. Fearful that his state, California, might also lose contracts, he promised to oppose the move.

Two old friends in California who had not seen each other for some time met and began comparing notes. They found each had married a man named Burton, that each husband was often absent, that both of them were expecting a baby. Both Burtons turned out to be named Clifford and, in fact, to be the same man. Checking further, Burton's wives found he had a third wife too. Cause of the bigamist's downfall after years of successful deception: overconfidence. He had brought on the meeting by asking Wife No. 2 to baby-sit for Wife No. 1.

TOWERS SMILES AT COX AFTER RELEASE FROM RED PRISON CAMP

U.S.S.R. releases two American captives

The Soviet Union released two Americans in Berlin after holding one of them in a prison camp near Moscow for four years and the other for two years, for reasons known only to the Russians. Leland Towers of San Francisco, a seaman working on an American merchantman, had strolled ashore in Finland in 1951, never returned to his ship. Pvt. Homer Cox of Oklahoma City, a military policeman, disappeared from his post in West Berlin and was listed by the Army as a deserter.

Last October some Austrian prisoners freed by the Russians reported they had seen Towers and Cox in camp. At this news the State Department began making inquiries, asked the Soviet Union to release the pair. Last week the Russians informed the U.S. they would do so, next day delivered Towers and Cox to the American forces in Berlin. The ex-prisoners' first questions on reaching freedom were "Who won the World Series?" and "Who is the Vice President of the U.S.?"

A U.N. agency disclosed what had happened to $40,000 spent six years ago to develop hybrid corn for European soil. The new corn yields so much more than the old that it added $24 million to the value of the 1952 crop.

CONTINUED ON NEXT PAGE

DEVELOPER TELLS ALL!
"THE SAD FACT IS," says a professional photo developer, "that 97% of all photo flash pictures suffer from over exposure. Careful developing helps, but for shots that you'll be proud of you've got to avoid over-lighting."
Prevent over exposure . . . with *light-controlled* Norelco My-T-Myte Flashbulbs . . . specially designed for popular "open flash" fixed-focus cameras. And besides giving just the right amount of light, My-T-Mytes are the smallest, most convenient bulbs ever made.
Lowest-priced on the market, My-T-Mytes come in two sizes: PF3 for perfect close-ups and all average shots, 12¢ each; PF4 for greater distances or faster speeds, 12½¢ each. Take advantage of the free offer, below.
Norelco
MY-T-MYTE
MIDGET FLASHBULBS
AN AMPLEX EXCLUSIVE
GET THIS! NOT THIS!

FREE OFFER!
Clip and fill in gift certificate. Buy one Pocket Pak of My-T-Mytes. For certificate, dealer will give you two extra My-T-Mytes. Use these two. Unless they produce the best flash pictures you've ever taken, return unused carton of bulbs for full cash refund.
AMPLEX CORP.
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MY-T-MYTE AND SYNCHRO-SUNS FLASHBULBS

PF3 12¢ ea.
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GIFT CERTIFICATE
Mr. Photo Dealer,
Give the bearer two My-T-Myte Flashbulbs FREE, upon his purchase of one Pocket Pak of My-T-Mytes. If he returns the Pak—unused—you will refund him the full purchase price. Amplex Corporation, 113 White St., Brooklyn 1, N. Y.
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I dreamed
I was an eskimo in my
maidenform bra®

Guess whose figure is going around in Arctic circles!
It's mine and it's marvelous—
so sleek and smooth, so fabulously curved—
who ever dreamed the bear facts could be so beautiful!
Here on top of the world we know
what makes the world go round... it's Maidenform.

Shown: Maidenform's Chansonette,
In favorite fabrics... from 2.00
Send for free style booklet,
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There is a MAIDENFORM
for every type of figure.*

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NEW DELHI DEMONSTRATORS CARRY SIGNS SAYING, "HANDS OFF ASIA"

Indians protest U.S. aid to Pakistan

India tried harder to forestall any U.S. military aid for Pakistan, which has requested American arms—but no alliance. Hindu mobs, urged on by Reds, paraded in New Delhi with anti-American placards. Prime Minister Nehru declared aid to Pakistan might re-establish Asian colonialism. Indian propagandists in the U.S. warned that aid to Karachi would push New Delhi into the Red orbit, argued that the friendship of 370 million Hindus and the uranium and other resources of India should be more important to the West than 70 million Pakistanis. The Hindus look upon a strengthened Pakistan more as a threat to India than as a bulwark to protect south Asia from Communism.

Major Sammy Lee of California, Army surgeon and Olympic high-diving champion in 1948 and 1952, won a surprising award. The Amateur Athletic Union voted him "the amateur athlete who, by performance, example and good influence, did most to advance good sportsmanship during 1953." This left the 5-foot 2-inch ear, throat and nose specialist "a little embarrassed," he told reporters in Seoul, Korea, where he recently treated Syngman Rhee for an ear ailment, because he didn't enter a single sports event during 1953.

An unusual baby gets two names

Cecil and Margaret Hartley of Washington, Ind. gave two names to their unusual 4-week-old baby who has two heads, four arms, two stomachs, three lungs and a single pair of hips and legs. The baby's left head is called Donald Ray, the right one Daniel Kaye, and he will be regarded as two persons. The Hartleys, who have three other children, hoped to take Daniel and Donald home within two weeks, although Donald was still getting occasional oxygen treatments because there is only one lung on the left side. Because the baby is so unusual, doctors have no way of predicting real chances of survival.

When Harry Truman was president, he had no use for Drew Pearson and Pearson none for him. Pearson constantly raked the president, at times drew blood: once Truman called Pearson "an s.o.b." This week things were different. The archenemies sat down for cameras filming the first part of a new Pearson TV show. What brought them amicably together was McCarthyism. Said Pearson, "A lot of people have been criticizing me because I have sometimes been critical of McCarthy." Said Truman, "Well, I don't think the methods of McCarthy are ever necessary in a republic such as ours."

TRUMAN TELLS AN OLD OPPONENT HOW HE FEELS ABOUT McCARTHY

OF COURSE, THERE'S A DIFFERENCE IN BUTTERSCOTCH PUDDINGS!

1. More people eat Jell-O Puddings than any other kind! Need we add they must taste better than any other!
2. Takes about 5 minutes' cooking time to bring out the richer flavor.
3. Pudding for 4 or an elegant pie from just one package! What could be more economical? Try some today!

Vanilla
Chocolate
Butterscotch
Lemon
Coconut Cream

●TUNE IN THE GREAT NEW BOB HOPE TV SHOW—JAN. 26

JELL-O IS A REGISTERED TRADE-MARK OF GENERAL FOODS CORPORATION

PRESENTING THE NEW 1954

Star Chief Pontiac

ON DISPLAY NOW AT YOUR NEAREST PONTIAC DEALER

A COMPLETELY NEW LINE BRINGING NEW LENGTH, BEAUTY, LUXURY AND POWER TO PONTIAC'S LOW PRICE RANGE

Here is the magnificent new Pontiac Star Chief for 1954!

Here is the car that does much more than offer a complete list of the finest of new features—it is, in fact, *the first genuine luxury car in Pontiac's low price range!*

Look it over and let the facts speak for themselves. Look at its size—a full 213 inches from end to end. That new size is important because it is the key to many things: to the superb sweep of modern styling that sets the Star Chief apart from any car on the road: to the smoothest ride you ever had in your life. And, of course, that extra length means a great deal in added passenger comfort and extra luggage space.

Inside this car there's another wonderful story. For Pontiac has employed the finest of fabrics with luxurious top-grain leather in sparkling new colors, perfectly matched right down to the smallest detail.

And what a performer this beauty is! Under its hood is *the most powerful Pontiac engine of all time!*

Pontiac now offers, optional at additional cost, all the modern power controls of the finest cars—Power Brakes, Power Steering, Dual-Range Hydra-Matic Drive, electric window lifts and air-conditioning.

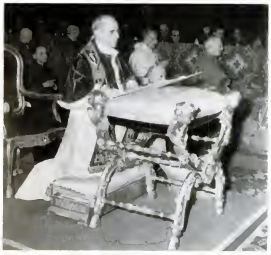
For 1954, Pontiac has also created a wonderful new line of Silver Streak Chieftains, bringing you all of Pontiac's traditional quality at a *price just above the lowest!* These great new lines offer double proof that *dollar for dollar you can't beat a Pontiac*—see and drive one soon.

ADDRESSING OFFICIALS of the city, Pope Pius replies to their greetings. This is a close-up of scene on opposite page.

Honor to Mary

SPECIAL YEAR OF PRAYER OPENS

The Pope is seldom seen in the center of Rome. When he goes from the Vatican to his country residence at Castel Gandolfo, he moves through the city's outskirts. But opening a specially proclaimed Marian Year, a year of prayer to the Virgin Mary, Pius XII went to the Spanish Square in the heart of downtown Rome. There he received greetings of city officials and placed a bouquet of orchids, flown over from Mexico, on the monument commemorating the proclamation in 1854 of the Dogma of the Immaculate Conception (that Mary was conceived without original sin). Then the Pope moved on to the Church of St. Mary Major where he himself as a new priest 54 years ago said his first Mass. He knelt and read a prayer he had composed ". . . Well-beloved of God . . .convert the wicked, dry the tears of the afflicted. . . ." Later he declared in a radio address that the perils facing the Church were increasing and that Catholic Actionists must, under the protection of the Virgin, "prepare to live in a climate of general mobilization, ready for all sacrifices and for any act of heroism."



IN BASILICA of St. Mary Major, Pius offers up own prayer to Mary which Catholics everywhere will repeat often in 1954.

IN THE SPANISH SQUARE (*opposite page*), gaily decorated for the occasion, the Pope and aides stand at monument to the Immaculate Conception.

"Makes Entertaining Fun!" says Mrs. Edward A. Edwards of Forest Hills, L. I., N. Y. "No more cleaning up late at night. Now I enjoy dinner guests because I know my Westinghouse Dishwasher will do all the work while I entertain. Even for two of us it saves as much as an hour a day. And it washes my pots and pans—right with the dishes."

Now! Try it in your home!

Westinghouse Dishwasher

Find out, as Mrs. Edwards did, just how much help a Westinghouse Dishwasher can be to you. Now you can try one —washing your own dishes in your own kitchen. Ask your dealer for a free home trial. He'll lend you the full-size Portable Model that requires no installation and rolls out of the way when not in use.

Test its best-buy features! Enjoy new hours of freedom! Try it in your home for a few days without any cost or obligation . . . then we believe you'll decide, with Mrs. Edwards, that Westinghouse is the one for you. Besides the Portable, there are Under-Counter, Cabinet and Dishwasher-Sink Models—all easy to install at low cost.

FREE HOME TRIAL OFFER

. . . of course, it's electric!

YOU CAN BE SURE...IF IT'S Westinghouse

MRS. EDWARDS LIKED THESE FEATURES...YOU'LL LIKE THEM TOO!

Greater Capacity. A service for 8 can be washed all at once . . . most important for dinner parties.

Perfect Washing and Drying. Everything comes out fully sanitized.

See TV's Top Dramatic Show . . . WESTINGHOUSE STUDIO ONE . . . Every Week

Now, super-sensitive Electronic Moduflow system opens a

Thermostat outside your

Electronic Moduflow home in Seattle, Washington. Builder: Albert Balch. Price in Seattle, $19,500. Designer: Grainger, Thomas and Baar, Architects. Heating installed by Rotsse.

new world of home comfort! Costs $199.40 installed... easy terms...

house gives you ideal Weather Control inside

You get constant wintertime comfort, your heating plant works better—with Honeywell Electronic Moduflow system

Honeywell Electronic Moduflow is an electronic system based on this scientific principle: *Constant temperature won't give you constant comfort. As outside temperatures go down, inside temperatures must go up.*

Electronic Moduflow gives you this modern comfort control, makes the indoor "weather" of your house more healthful, and gets the full good out of your heating plant by cutting down on overheating and underheating.

Why you need varying indoor temperatures

Tests show that if indoor temperature is merely held constant as outdoor temperature falls, you feel chilly and uncomfortable. Because as the walls of your home become colder they "draw" increasing amounts of heat from your body.

So Electronic Moduflow automatically changes the temperature indoors as the outside temperature varies. This keeps your *comfort* constant . . . gives you perfect indoor Weather Control.

What Electronic Moduflow is, and how it works

Only three simple parts make this wonderful system work. The Electronic Weathercaster (1), mounted outside the house, senses the outdoor temperature and by means of electronic signals continually tells the Electronic Clock Thermostat (2) what indoor temperature is required to maintain comfort. This Electronic Clock Thermostat, mounted in your living room, signals the Relay Amplifier (3) which automatically adjusts the heating plant to provide the amount of heat required to keep your home at the right temperature—no matter how changeable the winter weather might be.

Albert Balch, a leading Northwest home builder

Albert Balch is one of the country's leading builders. He has built thousands of homes in the Seattle area—like the one at left, and of many other types, too. Balch-built homes range in price from $7,000 to $30,000. Mr. Balch is using Honeywell Electronic Moduflow in every house he builds.

MINNEAPOLIS **Honeywell**

Electronic Moduflow

Your body loses heat less rapidly on a mild winter day, because walls are warmer. If you're average, you're comfortable with the room at 71°.

Your home loses heat faster when temperature drops, making walls colder. So Moduflow automatically raises room temperature—to keep *comfort* constant.

It's easy to get Electronic Moduflow for your home

When you're buying a *new house* Electronic Moduflow can be included in your mortgage. This way it costs you only a few cents a day. In your *present home* Electronic Moduflow can be used with any type of adequate central heating plant. No carpentry or construction work is required to install it. The price, $199.40, includes average installation cost. With a home improvement loan you can pay as little as $6.39 a month.

No house is a modern house without Electronic Moduflow!

See your heating dealer, architect or builder *today. Insist* on this truly *modern* comfort control system for your present home or the one you are planning to build or buy.

Write today for free book, "The Story of Electronic Moduflow." Also the name of your Honeywell dealer. Write Honeywell, Dept. 2846, Minneapolis 8, Minn. In Canada, Leaside, Toronto 17, Ontario.

Best HAMBURGER I ever ate!

Pan-broiled it myself... in SALT (sprinkled to cover bottom of pan) instead of fat. Mixed the meat with chopped onion, a little water and some Lea & Perrins Worcestershire. Good? Bro-ther!

Favorite for over 100 years

LEA & PERRINS THE ORIGINAL WORCESTERSHIRE SAUCE

FREE! Recipe Book, "Dishes Men Like." Write Lea & Perrins, Inc., 241 West Street, New York 13, N. Y. Dept. LL

I Do! I Don't!

TAKE good old reliable JUNIPER TAR COMPOUND

Get quick relief from that painful Cough due to a Cold

Your own druggist will tell you that medical science can give you NOTHING MORE SOOTHING for your delicate throat and nose membranes than Nature's products—juniper tar and pine oil. Has proven itself for 92 years a safe, dependable household remedy for men, women and children of all ages.

HANDY BOTTLE FITS YOUR POCKET OR PURSE

Costs but little. Get your bottle today, so you'll have it on hand—just in case.

DO THIS!

Clip this ad; show it to your druggist. If he doesn't have reliable, old-fashioned JUNIPER TAR COMPOUND on his shelf, he'll get it for you—QUICK!

The J. Harrison Whitehurst Co. Baltimore, Maryland

Your satisfaction guaranteed or your money refunded

ATOP COLUMNS CAMERAMAN FOCUSES ON FRIEZE AS ASSISTANT ADJUSTS REFLECTOR TO HIGHLIGHT SCULPTURE

WHAT ELGIN LEFT

Cameramen get rare close-ups of last of Parthenon's sculpture

Soon after Lord Elgin took his pick of the Parthenon sculptures and carted them away to London in 1812 (LIFE, Oct. 26), the temple was raided by other emissaries from museums in France and Greece until it was almost entirely denuded of sculpture. Today the biggest remaining sculpture is a fragmentary frieze running along an inner wall of the temple. Set 40 feet above the ground and shadowed by overhead beams, the sculpture has been almost invisible since it was created 2,300 years ago. To get a good look at it a German movie team recently climbed on top of the Parthenon and photographed the frieze. With a few planks as scaffolding, some large reflectors and the bright noonday sun, the Germans filmed the stately marble cavalcade, getting rare close-up views of one of the Parthenon's few remaining ornaments.

SLANTING SHADOW of an overhead beam darkens the path of a horseman in the ceremonial cavalcade. In the sunlight at right an Athenian stoops to tie the strap of his sandal before joining the procession to Athena's temple.

Taste Libby's

quick-packed in Hawaii

Freshest tasting pineapple juice ever because it's quick-packed when the pineapples on Libby's Hawaiian plantations are golden-ripe and running with juice

Libby, McNeill & Libby, Honolulu, Hawaii

Now on Display

Here the stylists went all out

WE predict that the first question folks will ask—when they step into our showrooms where these cars are on display—will go something like this:

"Can we really buy them? Are these production models—or more of those tantalizing 'car of tomorrow' examples of what future styling may be?"

And the answer, we're glad to say, is this:

Come and get 'em—they're rolling off the assembly lines today.

For this year, Buick gave the stylists a once-in-a-lifetime opportunity to translate into free-flowing lines of metal—and gleaming, graceful arcs of glass—the cars of their dreams. And they certainly went to town.

But the wonders do not cease with styling.

Beneath the hood of the brand-new Buick SPECIAL is a brand-new V8 engine—higher in horsepower, increased in thrift, to give new nimbleness to this agile performer.

Next above the SPECIAL in price is a brand-new thriller—the Buick CENTURY—deliberately built to deliver more horsepower per pound of weight and more horsepower per dollar than any other American automobile in its price class.

Then, there's a brand-new, more spacious and higher-powered SUPER that brings new luxury to the middle-price field—and the top-of-the-line ROADMASTER, with the superb smoothness, instant and silent getaway of Twin-Turbine Dynaflow included in the delivered price.

Throughout this phenomenal line of high-fashion beauties, you find a host of new-day features—new fabrics—new instrument panels—new front suspension—new wheelbases—new compression ratios—new ease of handling, and new levelness of ride.

By all means come and see them—and *price* them—for you'll find them the new year's outstandingly beautiful buys.

When better automobiles are built Buick will build them

BUICK
the Beautiful Buy for 1954

MILTON BERLE stars for Buick
Tune in the BUICK-BERLE SHOW on TV Tuesday evenings

See your Buick Dealer

When the sitter has to get supper for the kids . . .

Quick!

rich, robust

Here's the tenderest spaghetti you ever twirled around a fork. Smothered in lots of tasty, tomato-rich sauce. Topped with juicy beef meat balls.

It's complete, ready to heat. Two generous servings per can. And *only about 14¢ a serving!*

It's the specially blended sauce that makes Chef Spaghetti and Meat Balls—and all the other Chef meals—so extra specially good. Try the Ravioli, and the Chef Spaghetti Dinners—soon.

You can buy Chef Boy-Ar-Dee Spaghetti Sauce with Meat, or Sauce with Mushrooms separately. Just heat and serve on your favorite dishes. Why not make one night a week "Chef Night"? Save time, save money, serve wonderful meals!

CHEF BOY-AR-DEE®

SPAGHETTI and MEAT BALLS

THIS IS PATIENT'S-EYE-VIEW OF PSYCHOANALYST (FRANCHOT TONE) AS HE BENDS OVER AND OFFERS TISSUE TO SWAB UP PATIENT'S TEARS

COMEDY ON THE COUCH

A psychoanalyst copes with his own love life

For all that the psychoanalyst's couch has become a well-known piece of furniture in American life, it figures now for the first time in an entertaining stage comedy. The hero of *Oh, Men! Oh, Women!* by Edward Chodorov is Alan Coles, a psychoanalyst who is about to close up his office in order to go honeymooning with a chuckle-headed charmer named Myra. Almost his last patient is an emotional young man named Cobbler (*left*) who confesses that he is trying to forget his affair with the self-same Myra. The doctor's scientific objectivity is shaken by this news of Myra's past as he has to grapple with his own reactions of anger, jealousy and miffed male pride.

But what counts in *Oh, Men!* is not the plot but the talk. A first-rate cast, headed by Franchot Tone and Betsy von Furstenberg, talks so hilariously, so candidly and sometimes so touchingly about the terrible and delightful entanglements between men and women that they turn Chodorov's comedy into Broadway's most complete compendium of modern sexual lore.

◀— PATIENT RAGES AS HE TELLS ANALYST OF HIS EX-LADYLOVE

"I drink all the coffee I want...

I've been a coffee lover for years, but the caffein in coffee was making me jittery and keeping me from sleeping. But I didn't give up drinking coffee. I just gave up drinking caffein. I changed to Sanka Coffee. Now...

I get all the sleep I need!

The delightful thing about Sanka Coffee is this: Sanka is real coffee and wonderful coffee... but the caffein has been taken out. Now I sleep like a top. No more jittery nerves, either! Why don't *you* try Sanka Coffee? You may even like it better than the coffee you're drinking now."

DON'T STOP DRINKING COFFEE... JUST STOP DRINKING CAFFEIN!

Have you these symptoms? Nerves jumpy? Tire quickly? Short of breath? Blood pressure up? Can't sleep? These symptoms may come from the caffein in coffee. Switch to Sanka Coffee—97% caffein-free.

SANKA COFFEE

DELICIOUS IN INSTANT OR REGULAR FORM

Products of General Foods

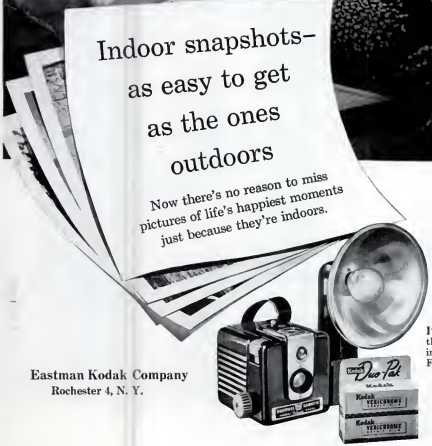
DOCTOR'S SWEETHEART, Myra (Betsy von Furstenberg), is affectionate on eve of marriage but refuses to discuss former lover, Cobbler. She resists his efforts to dissect her motives, says she just wants to be herself.

DOCTOR'S RIVAL, Cobbler (Larry Blyden), flees in horror when he discovers Myra is about to marry the doctor to whom he confessed his love for her. Another friend (Gig Young, *left*) makes it a triangular complication.

CONTINUED ON PAGE 52

Indoor snapshots– as easy to get as the ones outdoors

Now there's no reason to miss pictures of life's happiest moments just because they're indoors.



With today's flash cameras, you always get the right amount of light where you want it when you want it. You're just as sure of good pictures indoors as out.

Nothing new to learn. Just press the button on your camera, the flash bulb goes off automatically, and you've got your picture.

So don't pass up those priceless moments. See your Kodak dealer soon.

It's simple—it's sure—it's so inexpensive— the Brownie Hawkeye Camera, Flash Model, only $7.20 including Federal Tax. Flasholder, $4. Just put on the Flasholder, pop in a flash bulb, and shoot.

New, thrifty Duo-Pak holds two rolls of Kodak Verichrome Film for black-and-white snapshots. One for your camera . . . one for a spare. In the popular sizes 620, 120, and 127.

Eastman Kodak Company
Rochester 4, N. Y.

The only cotton swabs that give your baby all these benefits

1. Sparkling-white Red Cross Cotton
2. No loose wisps or fuzz; won't twist or slip
3. Splinter-free sticks, polished smooth
4. Doctor-recommended size
5. 100% sterile, guaranteed by Johnson & Johnson

New JOHNSON'S COTTON BUDS

DOCTOR'S PATIENTS show up even at boat where he is embarking with Myra, and the battle of the sexes goes on around him as a tormented wife (Ann Jackson) wails at her husband, who was also once an admirer of Myra.

DOCTOR'S PATIENCE comes to an end after Myra has hemmed and hawed about whether she still wants to marry him. Watched by former suitor and a friendly old colleague, doctor settles matters by dragging Myra off.

. . . if it's chocolate

Baker's makes it best !

FOR ONLY

BAKER'S CHOCOLATE IS "PREMIUM NO. 1"

NEW—BLONDE BROWNIES!

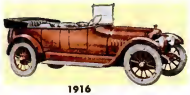
Golden and chewy, full of luscious, semi-sweet Baker's Chocolate Chips! Baker's Chips stay firm right through baking . . . give you that richer, more delicious Baker's Chocolate Flavor. Use the Blonde Brownies recipe on the back of the Baker's Chocolate Chips package—today!

Products of General Foods

Baker's Chocolate Brownies are everybody's favorite! They're full of that luscious, satisfying chocolate goodness—that richer, *premium* chocolate flavor that *only* Baker's Chocolate can give you! The recipe's on the back of the Baker's Chocolate package.

For frosting, use one-third of the frosting recipe also on package . . . spread on cooled brownies. Cut into squares or rectangles, top each brownie with walnut half pressed into frosting. Makes about 20 brownies.

1915


1916

1917

1918

1923

Again...

1924

1929

one of the most remarkable votes of public confidence in the history of American industry

1930

1935

1936

1941

1942

1947

1948

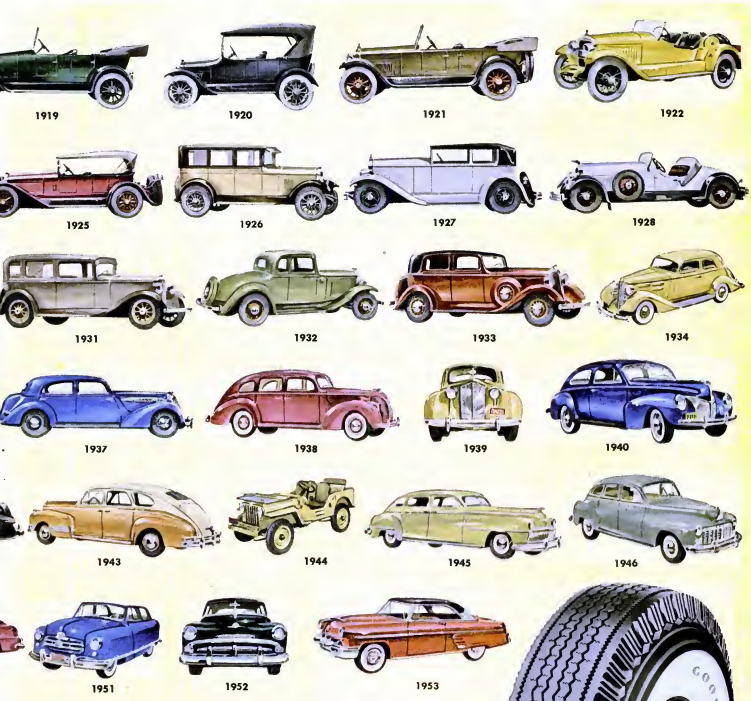
1949

1950

Again in 1954... as in every single year

MORE PEOPLE RIDE ON GOODYEAR TIRES T

America needs better, safer roads.
Let's bring them up to PAR



for the past 39 years:

HAN ON ANY OTHER KIND

AR

THE SUPER-CUSHION by Goodyear is just one example of Goodyear leadership. Car makers put more Super-Cushions on the new cars than any other tire. Car owners buy more Super-Cushions than any other low-pressure tire. They know you can't beat Goodyear for safety, comfort and mileage. Goodyear, Akron 16, Ohio.

Super-Cushion, T. M.—The Goodyear Tire & Rubber Company, Akron, Ohio

Not a shadow of a doubt with Kotex

Protection without fail – you trust the *absorbency* of Kotex completely, for this is the napkin made to stay safe . . . and to stay *soft*, too, while you wear it.

Comfort that lasts–because Kotex holds its shape; keeps its comfortable fit. There's no roping, twisting or pulling.

Freedom from outlines–for of all leading brands, Kotex alone has flat, pressed ends. Another important reason why Kotex is America's first choice in napkins. Discover which absorbency is *very personally yours.*

Your choice of three absorbencies– Regular, Junior or Super Kotex

Not a shadow of a doubt . . . this rough textured linen fabric can travel the seasons around. The separates, by Sportwhirl. The sun-warm colors: Capri blue and muted green. Blouse about $10, skirt about $12, at leading stores.

More women choose Kotex® than all other sanitary napkins

®T. M. REG. U. S. PAT. OFF.

BING-COME-LATELY

The great singer finally puts on his own TV show

For two years the Columbia Broadcasting System tried to get Bing Crosby to join the parade of film stars moving into TV, but, except for brief guest appearances, the Groaner was "too busy" as oil tycoon, rancher, investor in scores of enterprises. Finally Crosby broke down and put himself on film in a half-hour TV program. To millions of Americans who tuned in last Sunday the *Bing Crosby Show* brought back memories of radio, 1932, and an era when the blue of the night regularly and tunefully met the gold of the day. On TV Bing was the same old Crosby. He did a fairly spry song and dance. He indulged in mild horseplay with Guest Star Jack Benny.

But, as was proper for a man who has been probably the finest and certainly the most enduring popular singer of his time, Bing kept the show mostly musical, singing in his easy, artful style. Feeling old (49), he sighed as he watched Benny with pretty Sheree North: "Oh to be 39 again." Then, eying a graceful retirement on his multimillion-dollar fortune, Crosby decided not to film another TV show until spring.

AS A HILLBILLY *(above)* Crosby dons Western hat but stays in business suit while joining chorus for song and dance, "Y'All Come."

AS A STOOGE *(below)* Crosby gives Jack Benny some support. Benny leaped from Sheree North when she tickled him on the neck.

MOCK SHIRTS made of striped wool knit (Groblue, $25 each) have pointed collars and band down front. Patricia (at left in all these pictures) and Evelyn Bates wear them as jackets over black sheaths.

Double Debutantes

A WARDROBE OF SWEATERS TAKES TWINS EVERYWHERE

The traditionally distraught days of a newly launched debutante are doubly hectic in the Bates's New York household where the telephone always rings twice for 18-year-old Patricia and Evelyn, who are pretty and also identical twins. To keep up with their daily flurry of invitations, the twins wear a wardrobe of sweaters which does the work of a closetful of clothes. This year's sweaters, made in a wide range of silhouettes and in a variety of designs, can take them through a whole day's social occasions, from lunch in a striped knit shirt through tea daneing in a sophisticated black rib-hugger, to evening in a fur-laden wrap. There is even a flower-printed extra which can go over cottons later.

The twins always dress alike, own all their clothes in duplicate. Both like to wear informal charm bracelets, and strictly formal white gowns in which they are seen on the cover. Although their grandfather took seven years to tell them apart, their friends and beaux can usually keep them straight by the difference in their smiles (Evelyn's is broader) and by the tiny beauty mark beside Patricia's right eye.

SPLASHY PRINT of leaves and multicolored flowers adorns short-sleeved cotton knit cardigans (Goldworm, $17.95 each). Patricia and Evelyn wear them

here with sleek velveteen at-home pants. The twins have light streaks in their fluffy dark blond hair, are only children, speak Spanish—their mother is Cuban.

FOX COLLARS AND CUFFS turn short cashmere cardigans with rhinestone buttons into evening wraps (Gunther Jaeckel, $75 each). Patricia and Evelyn wear them over their satin ball gowns.

POODLE FRINGE of clipped yarn trims high neck and cuffs of short, fitted black cardigan sweaters ($11.95 each), worn with full black-and-white striped dinner skirts ($19.95 each, all Toni Owen).

CONTINUED ON NEXT PAGE

soothes

throat

Allow a medicated F&F COUGH LOZENGE to melt on your tongue—swallow the medication—repeat this four times.

in 5

Your throat will feel better, sore areas soothed, irritation reduced. F&F LOZENGES cover throat with **real medicine.** F&F LOZENGES can help you. Get some today.

Swell for smokers, too!

swallows

Try Original Medicated or Wild Cherry

SMART!

For convenience and nourishment smart dog owners feed their pets

MILK-BONE

Dog Biscuits!

National Biscuit Company, Dept. LM-1 — **FREE**
Milk-Bone Bakery — **SAMPLE**
441 E. 16th St., New York 9, N. Y.

Send me *free* MILK-BONE DOG BISCUIT. Also Booklet: "How to Care for and Feed Your Dog." (Paste coupon on postcard if you wish.)

Name.....

Address.....

City and State.....

This offer good in United States only

NATIONAL BISCUIT COMPANY

DOUBLE DEBS caused a photographic riot among newspapermen as they arrived at Waldorf-Astoria coming-out party. They wear traditional strapless white dresses, kid gloves.

TRIO OF TWINS (*below*) were among the 100 girls who came out at the Debutante Cotillion given for the benefit of the New York Infirmary. They are Maryellie (*left*) and Helene Kulukundis, Patricia and Evelyn Bates, Carolyn and Constance Neher.

"Let's play house," said Sue to Tommy,
"Dress ol' Spot like Uncle Lou!
"You be Dad, and I'll be Mommy—
"And 'fresh up' just the way they do!"

Copyright 1954 by The Seven-Up Company

The All-Family Drink!

"FRESH UP" with SEVEN-UP! Enjoy sparkling, crystal-clear 7-Up! Seven-Up is so pure, so good, so wholesome that everybody—from the tiniest tots to grandmas and all ages in between—may "fresh up" to his heart's content. And 7-Up makes *food* taste *extra* good. So have a Stackwich with chilled 7-Up. Buy 7-Up where you see the bright 7-Up signs.

You like it...it likes you!

Get a family supply of 24 bottles. Buy 7-Up by the case. Or get the handy **7-Up Family Pack.** Easy-lift center handle, easy to store.

PRESENTING THE 1954 LINCOLN - THE

1. Typical Lincoln color combinations in silky gabardines and rich broadcloths. 2. Lustrous leathers available in a wide color choice on Capri models. 3. New fabric combinations showing dramatic color contrasts. 4. New 1954 Lincoln Capri Coupe, in Regent Black and Colony Tan, with improved V-8 engine with new vacuum-operated 4-barrel carburetor, improved Hydra-Matic Drive, and (optional at extra cost) power steering, power brakes, 4-way power seat, electric power window lifts.

THE picture shows you a revolution on wheels. This is the latest edition of the fine car that stirred up a new trend wherever the living is modern—the one fine car whose sales doubled in two short years.

This is the new 1954 Lincoln, freshly designed

NEWEST TREND IN MODERN LIVING

fore and aft, inside and out, to express modern living as does nothing else on wheels.

You see it in the new grille and the distinctive rear deck—the functional beauty of today's homes. The new ground-hugging look is suggestive of modern architecture; even the windows have the feeling of glass walls. Once inside, you discover more news.

You find the comfort of a modern living room, and the beauty, too. Colors are as clear and vibrant as those you use at home—all appointments have the quiet elegance that marks modern living. And once in motion, you travel in truly magnificent style.

Here, above all, is the action that matches the pace you set in modern living. Lincoln's world-famous V-8 engine (with new automatic 4-barrel carburetor) gives you the ultimate in performance. New oversized brakes give you a new feeling of confidence. And for maximum motoring convenience you can have power steering, power brakes, the 4-way power seat, and electric power windows.

You can easily see how Lincoln is designed for modern living. You can tell that there is a growing trend to Lincoln just by looking around America. But you can find out about its astonishing performance only by *experiencing* it. Your Lincoln dealer invites you to try a Lincoln or a Lincoln Capri. You will *never* want to go back to anything else!

LINCOLN DIVISION • FORD MOTOR COMPANY

LINCOLN

DESIGNED FOR MODERN LIVING

POWERED FOR MODERN DRIVING

LINCOLN WINS AGAIN IN PAN-AMERICAN ROAD RACE—TAKES 1ST, 2ND, 3RD, 4TH IN STOCK CAR CLASS

Known by the Company it Keeps

Seagram's VO

SEAGRAM-DISTILLERS CORPORATION, NEW YORK CITY. 86.8 PROOF, CANADIAN WHISKY—
A BLEND...OF RARE SELECTED WHISKIES • SIX YEARS OLD

GRAVELY OBSERVED BY DR. TSAI, TRAINED RAT UNHESITATINGLY LEAPS TOWARD THE DOOR MARKED WITH TWO IMAGES WHICH LEADS HIM TO HIS DINNER

RATIOCINATING RODENTS

Rats count on 'two' for dinner

Because he seems able to grasp an abstract idea, the rat above has learned he can reach food through the door marked with two —and only two—images. The pictures are constantly rotated. Sometimes they are faces (*above*), sometimes other images (*p. 66*). But wherever they appear—right, left, or center—and whatever they depict, the rat always picks the door with two images on it and gets his dinner.

According to Tulane Psychologist Dr. Loh Seng Tsai, the rat's action offers conclusive proof that lower animals are capable of reason, which psychologists generally believe possible only for higher animals like men and apes. In the past, Dr. Tsai's rats have learned to perform several complicated acts to get food (LIFE, April 7, 1952), but these achievements could have been learned by trial and error. The rat above, Dr. Tsai is convinced, shows the first distinguishing quality of reason: forming and generalizing from an abstract idea, in this case what Dr. Tsai calls the idea of "twoness."

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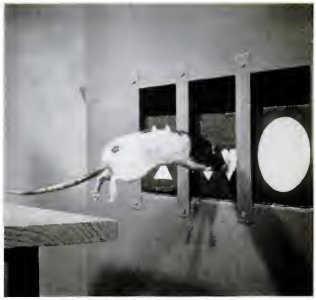


MASTERY OF NUMBER CONCEPT is demonstrated by rat who always leaps for the doorway marked with two figures even when he must distinguish between triangles, hearts, a circle (*top*), diagonal lines (*center*) and cats. It took Dr. Tsai's rats several months to get the idea that two images mean food.

CONTINUED ON PAGE 68

No need to wear a space helmet to mask the odor of "morning mouth"—you can stop it with Chlorodent

Smart men don't mask "morning mouth"—THEY GET RID OF IT WITH CHLORODENT

Frankly, we don't suggest going so far as to wear a space helmet to mask "morning mouth."

Because you can get rid of it so pleasantly *and easily* with Chlorodent Toothpaste.

Chlorodent really does away with that stale, furry taste and bad breath. For this toothpaste has *chlorophyll-plus*. It contains a great big helping of chlorophyll, not just a dab. *Plus* a patented cleansing agent.

Our customers tell us that with Chlorodent they can actually *taste* how much cleaner their mouths are (and that means their breaths, too) even hours after brushing.

It even makes your teeth *look* cleaner! Yes, some pretty sober-minded scientists in our laboratories tell us that Chlorodent brightens teeth measurably better than any other toothpaste formula.

So, to keep your whole mouth wonderfully clean and fresh, use Chlorodent Toothpaste (or Chlorodent Tooth Powder, if you prefer).

Get either at our risk, won't you? If it doesn't give you the cleanest mouth you ever had, Lever Brothers Company will return your money. Fair enough?

"Anti-enzyme" hour-after-hour decay protection

University dentists found the special cleansing agents in Chlorodent keep "enzyme" decay acids below the danger point for 9 out of 10 people for hours—*with just one brushing.*

Stop "morning mouth"—enjoy that wonderful, clean, fresh Chlorodent feeling!

KNOW THE FACTS, AVOID GRIEF IN CAR INSURANCE

If you think that all car insurance is alike, you may be in for a rude shock the first time you have an accident. That's the hard way to learn. The easier way is to read the facts below and to call a Liberty Mutual representative today. He'll show you the excellent protection and service you'll get with Liberty Mutual at moderate cost. Then make your own comparison with any other company. Decide whether or not you're getting your money's worth.

Help comes quickly when you're insured with Liberty Mutual. A real friend, a trained, full-time Liberty Mutual claimsman will help you without delay. He is paid a salary to protect the policyholders of this company.

Test by Tornado. In less than 24 hours after a raging tornado hit Worcester, Massachusetts, 16 adjuster-appraiser teams from Liberty Mutual were working around the clock figuring complicated damages. Within 48 hours, Liberty Mutual had made dwelling settlements of $131,500. Within four weeks payments exceeded $560,000.

DO YOU KNOW...?

Insurance companies differ greatly in dollar strength. Standard authority is Best's Reports, in which Liberty Mutual gets the **Highest Financial Rating: A++A.**

Careful selection of policyholders cuts losses. Direct service reduces expenses. Thus Liberty Mutual has always been able to pay dividends to policyholders. **Savings through Dividends are currently 15% on car insurance in most states.**

Your Liberty Mutual salesman is paid a salary to serve you. You fare better by this **Direct Sales Service.**

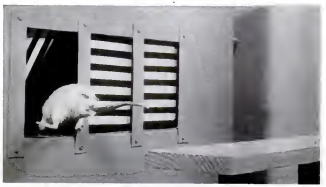
Wherever you drive in the U.S.A., you're within reach of Liberty Mutual service. You get Service and Protection in all 48 States.

Are you driving across the border to the north? Don't worry — Liberty Mutual provides **Service and Protection in Canada.**

You can summon help by calling the Liberty Mutual claimsman at any hour of the day or night, in the U.S., Canada, or Hawaii. That's the meaning of **24-hour Claims Service.**

When you want insurance information fast, you deserve a quick, correct answer. During business hours, a licensed Service Representative is always beside the Liberty Mutual telephone. . . . **Always "In" When You Call.**

It's a great advantage to get the same direct, friendly service on **home** as well as car insurance — both non-assessable. Liberty Mutual gives you this **"One-Stop Insurance Service."**



PICKING OUT ODD DESIGN, rat leaps to door that is unlike other two even when the pattern and position of the door which leads to food is shifted.

REWARD OF REASON is reached by rat when the trap door opens after leap and he gets his cheese. Smell is not a factor in choosing the proper door.

How to select a family doctor

Chances are, there is a doctor in your community who is "just right" for you. Perhaps you know him already, and regard him as a trusted member of your family circle. Or perhaps you haven't found him yet—but intend to start looking someday.

Too many people wait until a crisis *compels* them to summon a doctor. They forget that the crisis might not have become a crisis at all if a physician had been consulted on a regular basis.

So if you don't have a family doctor now, here are three simple suggestions to help you select one:

1. Ask your county medical society for a list of qualified physicians in your community . . .
2. Or, ask a local hospital or your pharmacist for the names of three or more doctors . . .
3. Visit several doctors, if you wish, before you make your choice—because mutual confidence is an important factor in this relationship.

Once you have made your selection, don't hesitate to talk things out frankly with your doctor—including the subject of fees. (Dr. Edward J. McCormick, President of the American Medical Association, has said: "In establishing a sound family-physician relationship, there should be no hesitancy in discussing fees . . . Mutual understanding of the economics of medical care is most important, and I would like to encourage both patient and physician to develop such an understanding.")

See your doctor regularly. This doesn't mean, of course, that you should run to him with every little ache or pain. But when there are warning symptoms, by all means see your doctor. And should he at any time suggest a conference with another physician, or advise you to go to the hospital, you can be sure that such advice is based on his broad general knowledge of medicine plus his familiarity with your particular case.

Remember, your doctor is the best "preventive medicine" your family can have!

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This message is published in the public interest by Parke, Davis & Company—makers of medicines prescribed by physicians and dispensed by pharmacists.

PARKE, DAVIS & CO.

Research and Manufacturing Laboratories, Detroit, Michigan

GMC's 1954 DE LUXE PICKUP—with great new 125 horsepower engine—creates a truly modern conception of truck beauty as well as work standards.

EVEN SAND OR GRAIN CAN'T LEAK through clever interlocking, tight-seal tail gate. Two-inch lower loading height eases lifting strain. Reflectors dress ends of box, add safety for night driving.

BEAUTIFULLY STYLED INTERIORS have luxury look of fine sedans, spaciousness and ease for drivers. Dials on instrument panel are grouped for easy, instant reading.

HYDRA-MATIC DRIVE frees driver and truck of strain for safer driving, lower upkeep costs. Automatically correct gear selection improves efficiency and performance, cuts operating expense.

FIVE YEARS AHEAD

in power, performance and looks

Today we invite you to see and drive the spectacular 1954 GMC light-duty trucks that have taken time by the forelock—and the country by storm! As this Pickup shows, they are the smartest-styled trucks that ever came down the road—and their beauty is more than skin-deep!

For behind that gleaming front purrs the most powerful 6-cylinder engine ever built into trucks of this class—the new GMC 125 horsepower truck engine that whisks away top loads without jerk or strain.

In addition, you can have GMC's time-proved Truck Hydra-Matic Drive—at slight additional cost—a feature that pays for itself many times over in fuel, repair, maintenance and time savings.

Underneath this stunning beauty, too, is the rugged, sturdy truck-built chassis that is one of the big reasons why thousands have switched to GMC to "get a real truck" —GMC's last so much longer.

Read the full story below and you'll see why these new GMC's are five years ahead of the industry. They cost little or no more than trucks that will have far less trade-in value. So for today's best buy—in power, performance and looks—drop in at our showrooms.

Your GMC Dealer

PASSENGER CAR BEAUTY and brawny competence is first impression given by new front end. The one-piece panoramic windshield and the sparkling grille are both practical and rich-looking.

GREATER CAPACITY FOR LARGER LOADS is achieved without high, bulky appearance. The deep-sided "box" sits closer to the axle for increased stability. Holds 8 to 10 extra cubic feet of cargo, depending on wheelbase. Corner windows at the rear of the cab provide extra light and visibility.

NEW 125 HORSEPOWER ENGINE—most powerful ever used in this class truck—multiplies hauling ability, gives far superior performance. Its power is higher than engines used in other makes of trucks rated to carry up to 24,000 pounds GVW.

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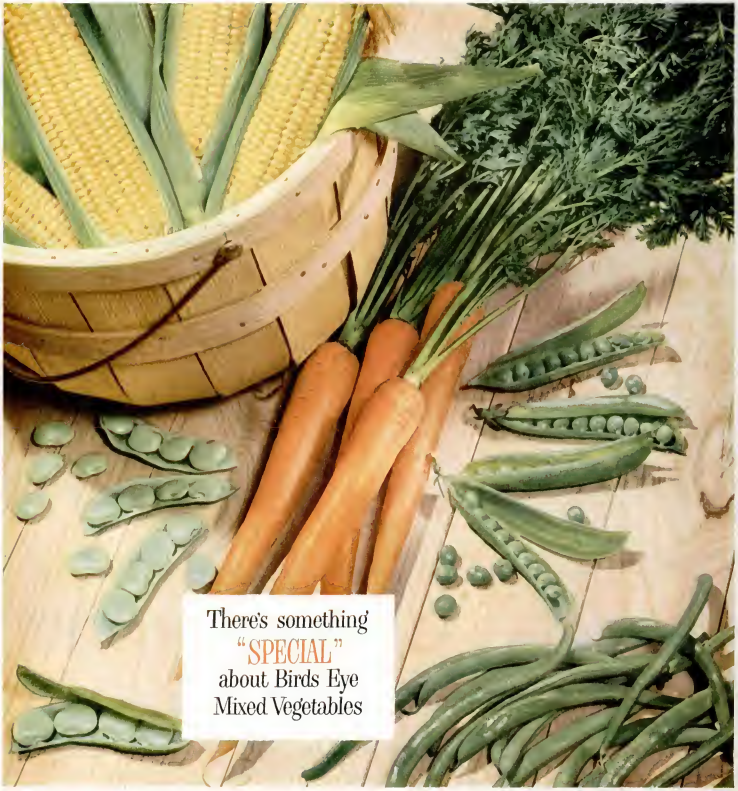


TUNE IN "Our Miss Brooks," starring Eve Arden, Fridays on CBS-TV—9:30 PM, EST

Birds Eye is fussier than the fussiest homemaker about vegetables. Rejects all but the choicest, and is willing to pay a premium to get you top quality.

Yet, Birds Eye costs *you* no more than other leading brands.

The carrots, peas, corn, Limas and green beans for Birds Eye Mixed Vegetables are picked and quick-frozen at their summertime sweetest and tenderest. Serve this 5-in-1 treat tonight and taste the special difference!

Tip: Another very special combination is *Birds Eye Peas and Carrots.*

Better buy Birds Eye and get that something "SPECIAL"

Products of General Foods

Copyright 1955, General Foods Corp.

Ice Hockey's Cardinal Sin Undoes a Rookie

Hitting an opponent with a hockey stick is a major offense in hockey even if the opponent has a stick to protect himself with. But hitting an opponent when he has no stick is the game's cardinal sin. New York Ranger Rookie Ron Murphy committed that sin against Montreal Defenseman Bernie Geoffrion. Enraged, Geoffrion retaliated with one of the most savage attacks in hockey history (*below*). Murphy, the original offender, was the big loser: he will be out indefinitely with his injuries. Geoffrion will not be allowed to play against New York again this season.

STRIKING at Geoffrion (5), Murphy brings stick down as official, between the players, makes a grab at stick. But one of Murphy's whacks cuts Geoffrion's head.

BREAKING AWAY from the official, Geoffrion bends down to pick up a stick. He had lost own stick in a fight with other players a few moments earlier.

STICK IN HAND and ready to attack, Geoffrion skates backward to evade the official trying to stop him and starts to go for Murphy who waits on the defensive.

WINDING UP for a second shot, after missing a first wild swing, the enraged Geoffrion, handling his stick like a polean, takes dead aim on Murphy's head.

CONNECTING, Geoffrion, whose nickname is "Boom Boom," catches Murphy on the left cheek just below the ear and Murphy's legs start to spread under him.

COLLAPSING, Murphy sprawls on ice. Geoffrion tosses his stick to ice, skates away. Murphy suffered a brain concussion and fracture of the upper left jaw.

New lotion

Actually heals

See amazing effects right away

Roughness clears

Redness fades away

Ragged cuticle smooths

Coarsened elbows soften, whiten

Not just a "cosmetic" lotion—

Unlike other lotions this new Pond's lotion does not just superficially "smooth over" the surface of chapped, red skin. Angel Skin actually *heals* chapped, irritated skin.

Angel Skin's special penetrating ingredients go *deep*—to the living skin tissue where chapping and irritation begin.

The amazing effects of Angel Skin do not "wear off" in a few minutes, because its unique, deep-softening action restores natural skin health.

Quick penetration—no sticky "coating" left on your hands

It's *impossible* for this revolutionary new Pond's lotion to leave any sticky, greasy film on your hands, because—unlike old-style lotions—Angel Skin contains *no gummy "filler."*

Your skin takes up all of Angel Skin's fragrant richness—immediately.

Designed to neutralize the drying chemical action of detergents

Angel Skin by Pond's is a *new* lotion, created to meet an urgent *new* skin problem—the drying, irritating effect of today's powerful new dish-washing and laundry products.

Different from other hand lotions—new Angel Skin by Pond's is specifically designed to neutralize the harsh, drying action of detergent chemicals.

You see amazing effects on chapped, reddened skin right away

Hands lose that dry, scratchy feel.
Blotchy, chapped redness fades away.
Ragged cuticle skin softens, smooths.
Coarsened, discolored skin of elbows, feet, knuckles regains its normal texture and color.
Winter-roughened skin on your face and arms loses its dry flakiness—becomes smooth and soft—right away.

Women in Alaska say "It works like a charm—even at 40° below!" Before introducing Angel Skin, Pond's wanted to be *sure* it would out-perform any lotion ever made. So after hundreds of phenomenally successful tests among women all over *this* country, Angel Skin was sent to *Alaska*. There, it *proved* its amazing, deep-softening action. "It's *wonderful!*" wrote Alaskan housewives. But see for yourself—get a bottle of fragrant, creamy-pink Angel Skin by Pond's *today*. Only 49¢, 25¢, plus tax.

(Slightly higher in Canada)

MAGNIFIED SKIN DIAGRAM SHOWS HOW
ANGEL SKIN'S DEEP-SOFTENING ACTION HEALS CHAPPED SKIN

OTHER LOTIONS *stop* at the skin surface → They give skin only superficial smoothing

ANGEL SKIN *penetrates* this outer skin surface →

Gives immediate help to living skin tissue → where chapped redness and roughness begin

© 1954, Pond's Extract Co.

Scientifically years ahead!

chapped skin!

GIVE IT THESE HARD TESTS

Chapped, red hands—See how Angel Skin's deep-softening action smooths and whitens dry, rough, reddened skin right away. Redness fades out. Chapping *heals*

Dried-out "detergent hands"—Unlike other hand lotions, new Angel Skin is scientifically formulated to *counteract* the harsh, alkaline action of detergents

Hangnails—Revolutionary new Angel Skin softens and smooths away ragged cuticle that causes painful hangnails. Rough cuticle becomes soft and even again

Put on gloves right after Angel Skin! This new deep-softening lotion leaves no sticky "coating." Your skin takes up *all* Angel Skin's richness at once

Dry "cracked" elbows and heels—Angel Skin's penetrating formula restores normal color and softness to coarsened, discolored elbows. Smooths chapped heels and legs—dissolves away roughnesses that "snag" nylons. Angel Skin keeps *all* of you silky!

Angel Skin

by POND'S

Clip this coupon—Send for a "PROVE-IT" sample

POND'S, DEPT. A-41-11, CLINTON, CONN.

I am definitely interested in finding a lotion that will really *do* something for rough, chapped, reddened skin. Please send me a generous introductory sample bottle of Angel Skin right away. I enclose 10¢ to cover cost of postage and handling.

My Name _____

Street Address _____

City and Zone _____ *State* _____

IN CANADA, mail to Pond's, 791 St. Clair W., Toronto, Ont.

ISLANDS OF THE ANTILLES shown on the following pages are mapped here with some of their closest neighbors. From Saba to Tobago is about 500 miles.

WEST INDIES ESCAPE

Little-known Caribbean islands offer low-priced, off-beat foreign vacations

PHOTOGRAPHED FOR LIFE BY BRADLEY SMITH

This winter one out of every 15 people in the U.S. will travel south for a warm vacation, crowding Florida and spilling over in great numbers onto the larger islands of the Caribbean. A comparative few, though more than ever before, will go down to the southern islands of the Lesser Antilles, a chain of tiny evergreen islands that stretches through the Caribbean from Puerto Rico to South America. Reached by plane, some of the islands are also stopping-off places for ships and cruises. Living here is inexpensive, the principal cost is transportation from the U.S. Among the pleasures are lush tropical beauty to see, mountains and valleys to explore, strange plants and birds to admire, sailing, swimming, fishing to enjoy—and complete escape from the usual and familiar. There is a wide range of accommodations in the islands (*p. 89*), but because hotels are small, it is wise to make reservations well in advance. A room with bath on a beautiful beach with all meals costs from $3 to $10 a day. There are no organized activities.

TOBAGO

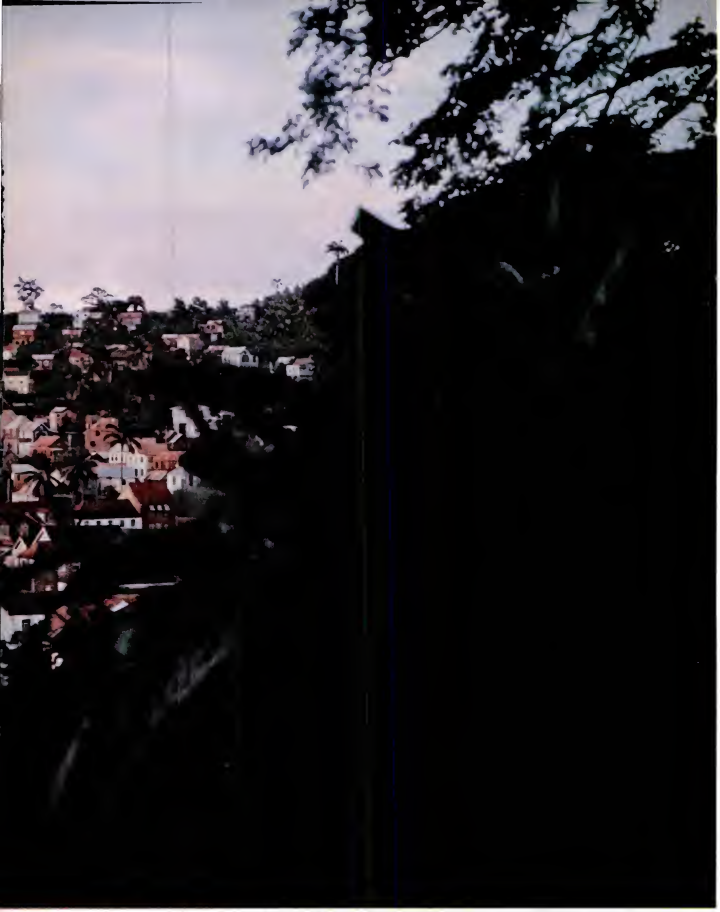
A charming, lazy island near Trinidad (which is highly developed and full of tourists), Tobago is a perfect spot for escapists. Shown right is Man-o'-War Bay with the little fishing village of Charlotteville nestling against the hillside. Most visitors stay in the capital, Scarborough. Chief sightseeing attraction is Bird of Paradise Island a few miles offshore, where many of the decorative birds live. Tobago is called Robinson Crusoe Island because it is thought that Defoe read an early book about Tobago and filched the setting.

FLAMING IMMORTELLE TREES bloom in Tobago in the winter and shelter the cocoa plants (*left foreground*). Behind tree is Charlotteville village.

IN BRIEF TROPICAL DUSK, A HOT SUN LIGHTS

GRENADA

Built on steep hills surrounding the most beautiful harbor in the Caribbean, the little red-roofed capital of the British island of Grenada looks like a toy European city. The dormer windows, wrought iron balconies and pediments of its buildings are 18th Century. One



THE HOUSES OF ST. GEORGE'S, CLUSTERED UNDER TROPICAL PALMS ALONG THE STEEP STREETS

of the hilltops above the harbor looks down on the Grenadines, a chain of tiny green islands stretching to the north. One, Carriacou, is famous for shipbuilding; another for its name, Kick-'em-Jenny.

Grenada is an island of high peaks and fertile valleys covered with hibiscus, bougainvillaea, and red flamboyant trees. The main crop is nutmeg, and the smell of nutmeg, mace and other spices permeates every cranny of the island. Swimming, fishing and jump-ups, as the local dances are called, keep visitors busy.

BLACK BEACH at Pointe Saline, the southern tip of Grenada, has volcanic sand which rubs off more easily than white sand. Grenadians say this black beach is easy on the eyes because there is so little glare from the sun. But for those who prefer white sand, Grande Anse Beach is only a few miles away.

ANNANDALE FALLS is a favorite picnic spot though it is seven miles, partly over a rutted dirt road, from St. George's. The water under the falls is deep and cool. Only the most adventurous swim under the falls because the water drops with terrific force from above and knocks most people groggy.

IN VICTORIA PARK TALL PALMS AND ELABORATE CHURCH (RIGHT) FRAME DAILY CRICKET MATCHES

ST. VINCENT

St. Vincent still remembers the disastrous eruption it suffered in 1902 when a third of the island was devastated. The volcano is now quiet but its crater, 1,000 feet below the rim, contains a large, sinister lake of dead jade-green water. In Kingstown is an old cathedral (*above, right*) of hodgepodge but attractive architecture and the Caribbean's first botanical garden, with a breadfruit tree planted by Captain Bligh. Bligh undertook his ill-fated *Bounty* voyage to get plants for the island, had to make another to bring back the plants.

ST. LUCIA

Above the beach at the small fishing village of Soufrière, the curious peak of Petit Piton rises straight from the sea. With Gros Piton, a companion monolith, this is one of the most famous landmarks of the Caribbean. Soufrière is reached by launch—full of goats, pigs and uninhibited children—from Castries, the capital of St. Lucia. Off St. Lucia lies Pigeon Island, which has an excellent reef-protected anchorage for yachts. It is inhabited only by the descendants of carrier pigeons, for whom the island was named, and Mme. Snowball who runs a thatched roof restaurant on the beach.

CHILDREN ON ST. LUCIA PLAY ALL DAY WITH DUGOUT CANOES MADE LIKE THE CARIB INDIANS' CRAFT

IN A DANK VALLEY, AMONG RUGGED MOUNTAINS,

DOMINICA

Loveliest and least explored of the Lesser Antilles Islands is British Dominica, which lies between the French islands of Guadeloupe and Martinique and seems more French than British. Because of its savage mountains and opulent forest growth, Dominica has never

A SEMICIRCLE OF EUCALYPTUS TREES SHELTERS DELICATE LIME TREES FROM THE CONSTANT WIND

been exploited by planters. The great adventure is to visit Battaka, the forest home of the Carib Indians, who inhabited the islands when Columbus discovered them.

Birds are found on Dominica that exist nowhere else in the world. Most striking is a parrot called "ciceru," a dark green bird with a purple breast, violet neck, luminous maroon tail. In pools formed by the mountain streams an exceptionally large frog called mountain chicken is found. This frog and the succulent local oranges are Dominica's epicurean treats.

UNDER DOMINICA'S PALMS a Carib Indian takes a jungle nap. This is along the narrow horse path leading to the Caribs' reservation, where the Indians lead a primitive life, fishing, making dugout canoes and bows and arrows. They live as they please, sleep whenever the notion dawns on them.

GUADELOUPE

Guadeloupe, though less worldly and popular than nearby Martinique, is just as ferociously French. Guadeloupe is really twin islands, separated by a salt strait and joined by a bridge. There are also five smaller island dependencies. The two called Les Saintes are populated by descendants of Norman and Breton sailors who, by an odd chance, weave and wear Oriental coolie hats, giving their islands a strange Far Eastern flavor.

Guadeloupe has restaurants comparable to Europe's finest, a number of good hotels, a mild climate and a beautiful, miles-long beach at St. François, admittedly one of the best in the Lesser Antilles. The rum and French wines are excellent, the airport efficient, and French perfume often costs less than it does in France.

HISTORIC BEACH, Le Moule (*opposite page*), was scene of many battles between Indians, English, French. Human bones still creep out of shallow graves. Visitors kick them aside to go swimming.

THROUGH DAMP TROPICAL FERNS AND BANANA TREES VISITORS STRUGGLE TO SABA'S HIGHEST POINT

SABA

An extinct volcano rising from the sea, tiny Dutch Saba has steep jungles which are fun to explore. There is no port on the island; visitors come in a rowboat through teeming surf. In the crater of the volcano, 800 feet above the sea level, is the island's main town, called The Bottom. It consists of a few narrow streets with immaculate Dutch houses on either side. In the gardens at the back Dutch grandfathers and grandmothers were buried because the ground was too rocky for burial elsewhere. Saba can accommodate only 12 visitors at a time.

BASIC FACTS FOR TOURISTS

TOBAGO

This island is reached in 30 minutes from Trinidad by British West Indian Airways which has a flight every afternoon (fare $13.20 round trip). All British islands of the Lesser Antilles, of which Tobago is one, have British West Indian currency called Beewee. When a U.S. dollar is changed to Beewee the visitor gets $1.70. Since prices are not inflated, the dollar goes almost double. Largest hotels in Tobago are the Bluehaven in Scarborough, about $8 to $10 U.S. a day with meals; the Robinson Crusoe in Scarborough, about $7 to $8 a day per person with meals. The Arnos Vale near Plymouth is remote but elaborate, costs about $10 a day with meals.

GRENADA

Best way to get to Grenada is by BWIA from Trinidad. Two main hotels are in St. George's. St. James, a converted residence of 20 rooms, costs about $4 U.S. per person per day with meals. Santa Maria, with 36 rooms, costs from $7 to 89 per day with meals. There is also a good guesthouse, Green Gables, at the edge of St. George's, which is about $3 per day with meals, and near the Grand Anse beach a dozen furnished guesthouses are available from about $12 a week up. To see the island a car may be hired with driver at $5 to $10 a day plus the driver's lunch. English is generally spoken. Native straw hats, handbags, British woolens are the best buys.

ST. VINCENT

The way to get to St. Vincent is by St. Vincent government air service which flies a small plane once or twice a week from Grenada, Dominica, Martinique and Barbados. There is one good hotel in Kingstown: the Blue Caribbean, with 20 rooms, 11 with private baths, at $4 to $5 U.S. a day with meals, which are as good as any in the Caribbean. Another hotel is the Tower at Ratho Mill, 10 miles from Kingstown, at $4.50 a day with meals.

ST. LUCIA

The best way to get to St. Lucia (pronounced St. Loosha) is by biweekly BWIA plane from either Puerto Rico, a six-hour flight, or Trinidad, a four-hour flight. There are two good hotels in Castries—the St. Antoine has 15 rooms from $5 U.S. a day per person with meals; the Villa has 14 rooms from $5 to $6 a day per person with meals. There are also two small hotels in Soufrière, which takes its name from the nearby volcano whose bubbly and diabolic-looking sulphur springs are a principal attraction for visitors.

DOMINICA

This island is reached by St. Vincent government air service from Martinique, St. Vincent or Barbados. In Roseau there are two hotels, Cherry Lodge with 10 rooms and Hotel de Paz with six rooms at $4 to $5 U.S. a day with meals. Both are in town and the noise of dogs fighting, bells ringing and natives shrilly talking in their French-English-African patois is picturesque if not too restful. Best buys in Roseau are made-to-order straw mats woven by convent girls. A 4-by-6-foot mat costs about $20 U.S.

GUADELOUPE

Most convenient routes to the island are by BWIA or Pan American tourist flight from Puerto Rico. Best hotels are the big new Grand in Pointe à Pitre with 65 rooms and the Royal with 11 rooms in Basse Terre. Prices for rooms without meals are about $5 U.S. per person. The fine restaurant, Pergola du Gosier, which perches on a bluff above a pristine white beach, also has two private cottages to rent. The cuisine at the Pergola is sophisticated. An average meal: small native oysters, turtle soup, stuffed land crabs, redfish court bouillon, French pastry, all with the appropriate vintage wines. Drive-yourself cars can be rented for trips through the forests or to the more remote beaches.

SABA

This island is reached by weekly government motor schooner, the *Blue Peter*, from St. Kitts. St. Kitts is reached via BWIA usually from Puerto Rico or Antigua. There are only two government guesthouses on Saba, one at The Bottom with four double rooms, one at Windwardside with two double rooms, so reservations should be made in advance. Both houses cost about $5 U.S. per day with meals. The women on Saba, who outnumber men by about 2 to 1 because the men go to sea, occupy themselves with needlework which is the best local buy. Crime on Saba is almost nonexistent and there are no jails. Most common legal penalties are fines imposed for gossiping, slander and loud talking on the streets.

HEAVING SMALL BOAT into surf, men prepare to row out to a bimonthly coastal freight steamer and bring passengers to Saba's shores, the only way to land on the island.

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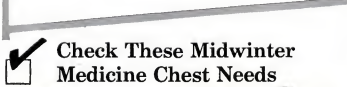

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So keep detergents on the job in your house. Just keep Jergens Lotion there, too. Use it like a prescription: three times a day, after every meal!

Use JERGENS LOTION – avoid detergent hands

Now—lotion dispenser FREE of extra cost with $1.00 size. Supply limited.

THURBER'S 13 CLOCKS —AND HIGH TIME

DUKE (CENTER) INTRODUCES PRINCE (JOHN RAITT) TO CAPTIVE PRINCESS

A helpful Golux enables a fairy-tale prince to escape a gleeping Todal and win a lovely princess

One of television's finest achievements in make-believe came last week when the Motorola TV Hour (ABC) put on a musical version of James Thurber's fairy tale, *The Thirteen Clocks*. The 13 clocks are frozen into inaction in a castle by an evil duke who has captured a young princess. When a prince comes to win the princess, he must find 1,000 jewels and unfreeze the 13 clocks. Thanks to a friendly Golux the prince escapes the perils of a Todal, a terrifying monster which gleeps, and gets the princess. Thanks to the deft acting of an all-star cast, a gently melodic score by Mark Bucci and Thurber's elfin epigrams, the production achieved real distinction. Audience and critics, feeling it was high time TV got this far, began looking with renewed hope to the new year for more Thurber, more fantasy and many repetitions of *The Thirteen Clocks*.

KINDLY GOLUX, who is a sort of fumbling but well-intentioned sprite (Sir Cedric Hardwicke), explains: "I am a son of a witch . . . on the side of Good."

EVIL DUKE, played by Basil Rathbone, says with pride, "We all have faults—mine is being wicked."

CONTINUED ON NEXT PAGE

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WEEPING GEMS as she goes into hysterics over her own jokes about two traveling wayfarers, a bewitched old Hagga (Alice Pearce) helps the cause of the prince. She has a magic gift which turns her tears into precious stones.

MAKING CLOCKS RUN so that "Then becomes Now," Princess Saralinda (Roberta Peters) waves warm hands at them and, by Golux's magic, time starts moving again after a seven-year frost. This frees her from evil duke.

COMING TO A BAD END, which TV camera emphasizes by moving on top of him for climactic close-up, the duke falls and is devoured in one fell gleep by the invisible Todal, which is, it is explained, "a blob that will glup him."

Special foods prepared just for him fill a vital need in baby's life. Pablum cereals are the *only* infant cereals produced by a company specializing in formula, vitamin, cereal and pharmaceutical products for infants, children and adults. Mothers like the "Handy-Pour" spout on every package . . . prevents spilling and keeps cereal *safer* and *fresher*.

Trust Mother, little one, to know what's best to start on... best to stay on, too!

Regular visits to your doctor are a must for baby—for the advice he so willingly gives mother in keeping baby strong and healthy. He'll tell you that hungry young appetites need foods they can "handle." Vitamin-and-mineral-enriched Pablum cereals are pre-cooked for greater digestibility.

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Pablum® is the original pre-cooked cereal made only by Mead Johnson & Company, world famous for nutritional and pharmaceutical products. MEAD

A CASE FOR ESP, PK

Famous writer argues that evidence proves the mind is capable of telepathy, can

MRS. A. woke up one morning during the war—the morning of Nov. 18—sobbing, "Jack is dead." Jack was her son, a soldier. Her husband, unable to calm her, called the family physician, who gave her a sedative. On the morning of Nov. 23, Mrs. A. again woke up crying. Again her husband was unable to calm her, and again the doctor prescribed a sedative. This time he also advised a psychiatrist. Before Mr. A. got to a psychiatrist, he and his wife received a letter Jack had written on Nov. 15, saying he was well. Mrs. A. still insisted that the boy was dead. That evening a telegram was delivered, reporting Jack's death on Nov. 17 in Hawaii. Mrs. A. said, "I knew it all the time, but you wouldn't believe me."

Here is another story, less tragic but, if anything, even odder. An English lady, Mrs. Atlay, the wife of the then Bishop of Hereford, dreamed one night that after reading the family morning prayers, she went into the dining room and saw an enormous pig between the table and the sideboard. The dream amused her and she told it, before prayers, to her children and their governess. After prayers she opened the dining room door and there was a pig exactly where she had dreamed it was. It had escaped from its sty while prayers were being read.

The first of these anecdotes is cited by Dr. Louisa Rhine in *The Journal of Parapsychology*; the second one is told in the 11th volume of the *Proceedings of the Society for Psychical Research*. Both have been vouched for by reliable witnesses, and there seems to be no good reason for doubting that the events actually occurred. How are they to be explained?

One answer, of course, is pure "coincidence." A mother dreamed that her son had died, and, as it happened, her son had died only a few hours before. A bishop's wife dreamed she saw a pig in her dining room, and a few hours later it happened that a pig came into her dining room and she saw it. Coincidences like these strike one as only moderately plausible. The alternative

TO TEST ESP, DR. RHINE TURNS CARDS IN ONE ROOM AS GIRL IN ANOTHER RECORDS HER GUESSES ON THEIR ORDER. SHE FLASHES LIGHT TO SIGNAL FOR TURN

AND PSI

by ALDOUS HUXLEY

foresee events and even exert influence over matter

answer is more plausible but more disturbing: when the mother said that Jack was dead, she really *knew* Jack was dead. The bishop's wife actually could *see*, in her mind's eye, what was going to happen on the following morning.

If this hypothesis is correct, we must assume that human beings are endowed, at least potentially, with a paranormal—*i.e.*, besides or beyond the normal—faculty. Modern research workers have given this faculty the blanket name of "psi" (the 23rd letter of the Greek alphabet) and have shown that it can manifest itself in a variety of ways—as telepathy, the direct awareness of events taking place in other people's minds; as clairvoyance, the direct awareness, with no help from sense impressions, of events taking place in the outside world; and as precognition, or foreknowledge, the direct awareness, apart from rational forecasting and logical inference, of future events. These are the three types of what is called extrasensory perception, or ESP.

But psi is not exclusively a form of knowing. There is some evidence that it is also a form of doing. There may be paranormal ways of action as well as paranormal ways of being aware.

Here, on the borderline between the normal and the paranormal, is a case reported by Dr. J. A. Hadfield, an English psychiatrist who treated large numbers of shell-shock patients during and immediately after World War I. The doctor hypnotized a young sailor, Leading Seaman H. P., and then told him that his arm was being seared with a red-hot iron and that a blister would form at the point of contact. Actually Dr. Hadfield merely touched H. P. with his finger and bandaged the arm. When the bandage was removed six hours later, a small blister had formed. By the next day, Dr. Hadfield said, "there was a large quantity of fluid, giving the exact appearance of a blister produced by heat." The body had acted—with no physical reason for it to act.

From experimental medicine we pass to anthropology, specifically to a fire-walking rite in India observed by Mr. R. V. Sayce in 1929. Some of the Indian participants had worn shoes all their lives and had feet as tender as the average Westerner's, but they walked over glowing ashes without being burned. They were followed by two Europeans. One got through with a few small blisters. The other European, whose attention was distracted by friends in the crowd, was badly burned.

It should be noted that fire walking in India is undertaken not for fun or as an experiment but for religious reasons. Perhaps the religious motive creates a kind of protective field within which the walker, if he remains confident and undistracted, finds himself safe.

Many persons who are prepared to accept the reality of ESP (extrasensory perception) find it impossible to swallow PK, or psychokinesis, the direct action of mind on matter. Along with ESP, PK is the subject matter of modern parapsychology, which investigates these forms of doing and knowing with all the resources of contemporary science.

Perhaps the world's most distinguished parapsychologist is Dr. J. B. Rhine of Duke University, who for 25 years has been investigating psi in general and ESP and PK in particular. His latest book, published this winter, is called *New World of the Mind*. This new world, as he points out, is new only to modern science. To mankind at large it is as old as human experience. Prophets and oracles, ghosts and hauntings, poltergeists and apparitions, thought reading and second sight—we find them everywhere and at every period of history, in the Atomic Age and in the Bronze Age, in great cities and in the jungle and the tundra, among the most highly civilized as well as the most primitive of peoples. Up to about 1650 practically everyone in the Christian world accepted the reality of psi, and practically everyone attributed its manifestations to the intervention of supernatural agencies, in the main diabolic.

By the early 18th Century most educated people had begun to doubt the very existence of psi. Not all, however. Samuel Wesley and his family, including the future founder of the Methodist Church, were besieged for more than a year by poltergeists, which are noisy ghosts. Swedenborg based the whole of his elaborate theology on psi experiences and was believed by many of his contemporaries to have a genuine gift of clairvoyance.

Before the turn of the 19th Century, Mesmer and his followers discovered what we now call hypnosis and were investigating the properties, including psi, of what we now call the subconscious. Their work was fundamental to the development of modern psychology, but unfortunately Mesmerism, or animal magnetism as it was generally called, was appropriated by the cult of Spiritualism, which burst upon the world in the 1840s. A scientific discipline was engulfed in a form of revivalism and came, in the popular mind, to be largely identified with it. As a result, for many years no British physician could use hypnotism without running the risk of being expelled from the British Medical Association. And not only hypnotism but psi phenomena in general were for decades the special reserve of a fringe commonly regarded as lunatic.

72 years of research

THIS situation came to an end in 1882 when a group of eminent men from the English academic world came together and, in the teeth of orthodox science and orthodox spiritualism, founded the Society for Psychical Research. Its journal, now in its 72nd year of publication, contains records of a prodigious quantity of careful work in the field of parapsychology. Hardly anybody bothers to read these records or the records of the similar societies in the U.S. and on the continent of Europe. This, I think, is a great misfortune. Nowadays, of course, for most people it goes without proving that mental

THE AUTHOR, who is one of the most distinguished literary figures of our time, belongs to a famous scientific family. His grandfather, Thomas Huxley, was an early evolutionary theorist; his brother is Biologist Julian. Novelist, essayist and biographer, Aldous Huxley is noted for his provocative use of scientific and philosophic ideas in such novels as *Point Counter Point* and *Brave New World*.

events are caused by physical events, that they are indeed merely aspects of physical events. If this is the case, the incidents recorded in the proceedings of the S.P.R. cannot have taken place and it is only a waste of time to look at the evidence.

Another reason for the neglect, especially in academic quarters, of parapsychology is that much of the early evidence was biographical or anecdotal. It is not the sort of evidence by which one validates a scientific hypothesis. It relates, that is to say, to unique unrepeatable incidents in which psi was manifested in a particularly striking and dramatic manner. Now, unique, unrepeatable events are the very substance of human experience; but they are not, and they cannot be, the substance of a science, for science is (to borrow a phrase from Emile Meyerson) the systematic "reduction of diversity to identity." In human life unique and unrepeatable events are of cardinal importance. When we try to reduce men's diversities to identities, we run the risk of gross oversimplification in theory and the even worse risk of totalitarian dictatorship in practice.

We had better admit, then, that there will probably never be a completely adequate Science of Man. There are all sorts of useful partial sciences, dealing with generalities and averages—such as economics and actuarial statistics, sociology and comparative religion, and various brands of psychology. But there is no genuine anthropology, no full Science of Man, in which the uniqueness of human beings takes its place along with their likeness, the irreducible diversities along with the unities. The art of living is still an art and is likely to remain one indefinitely.

The early investigators of psi collected a great mass of anecdotal material and published as much of it as could stand up to a

CONTINUED ON NEXT PAGE

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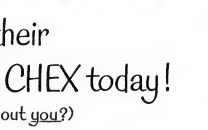


RALSTON PURINA COMPANY, St. Louis, Mo.

ROLLING the dice, subject attempts to influence their fall while Dr. Rhine checks the result to see if the successful outcomes exceed the law of averages. They frequently do.

ESP, PK AND PSI CONTINUED

searching examination. Juries are prepared, in good conscience, to send men to the gallows on less convincing evidence. And historians stoutly maintain the reality of past events for which the evidence is incomparably worse.

A second phase in the history of psi research began in 1930 with the foundation of the parapsychology laboratory at Duke University under Dr. Rhine. It was he and his coworkers who first developed fully controlled experimental conditions and subjected all results to statistical appraisal. The work has not been especially spectacular and its results do not make particularly interesting reading, but it has achieved what no collecting of anecdotal material could achieve. It has established the case for psi on a basis too solid to be explained away.

The new methods are beautifully simple. To test ESP the people at Duke invented a deck of 25 cards. There are five kinds in the deck, each with a simple symbol: circle, square, star, cross and waves. A subject is asked to guess the order of the cards—purely by extrasensory perception. He is separated from the experimenter by an opaque screen, or be sits in another room, perhaps even in a distant building. Sometimes the experimenter turns up the card before the subject makes his call, other times he does not look at the cards until afterward.

To test PK, Dr. Rhine and his aides use dice. The subject wills that a certain combination of faces turn up. The dice are then thrown, often by machine. With both dice and cards more and more elaborate precautions are constantly being taken against unconscious cues, improper shuffling, faulty observation and the like. It is doubtful whether any psychological experiments have been carried out under conditions so stringent.

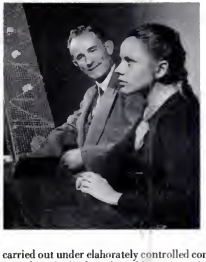
The results of these simple tests are recorded and analyzed by standard statistical procedures. Statistical analysis cannot, of course, tell us anything about the laboratory conditions or about the causes of the observed results. It can and does state a degree of probability. It can say that some results were very likely due to pure chance. In other cases it can rule out pure chance as rather improbable, very improbable or overwhelmingly improbable.

What your chances are

IF you try to guess the order of the cards in Dr. Rhine's deck, your chance of guessing correctly is one in five. In any one short run you may do better or worse and it will not signify much. But the more runs or throws, the more nearly will your score come to the expected average. (This is the reason why Las Vegas and Monte Carlo are still in business.)

If, over a long series of runs or throws, the score deviates markedly and consistently from the expected average, the deviation is called "significant," another way of saying that it was probably not due to chance alone but to some other factor. In most scientific experiments, odds of 100 to 1 or better are considered significant, odds of a few thousand to 1 are regarded as equivalent to a proof that some other factor than pure chance has been present.

In psi research, as in every other field of human or animal endeavor, some subjects are better and some circumstances more favorable than others. In one card experiment carried out in London by a mathematician, Dr. S. G. Soal, the subject, Mr. Basil Shackleton, was remarkably gifted. In more than 11,000 trials,



WILLING the fall of the dice from machine is variation of test. Dr. Osis, Rhine's assistant, checks his 13-year-old stepdaughter, Gunta Zukovska, in a psychokinesis experiment.

carried out under elaborately controlled conditions, Mr. Shackleton scored so high that the odds against the results' being due to chance alone were of the order of 1 to 10^{25} (100,000,000,000,000,000,000,000,000,000,000,000). But if chance were out of the question (as it obviously was) and if all other "normal" explanations were ruled out by the stringency of the experimental conditions (as they were), how could Mr. Shackleton have managed it? Only by some form of ESP.

The first reports of the Duke experiments made their appearance in the early and middle '30s. (Dr. Rhine's book, *Extra-Sensory Perception*, appeared in 1934.) Orthodox psychologists immediately questioned the soundness of the statistical methods used. This matter was quickly cleared up in 1937 at the annual meeting of the American Institute of Mathematical Statisticians, which reached these conclusions: "Dr. Rhine's investigations have two aspects, experimental and statistical. On the experimental side, mathematicians of course have nothing to say. On the statistical side, however, recent mathematical work has established the fact that, assuming the experiments have been properly performed, the statistical analysis is essentially valid. If the Rhine investigation is to be fairly attacked, it must be on other than statistical grounds."

The critics took the hint and proceeded to attack on other grounds—the experimental setup. It did not take long to clear up this point either. Much of the early work at Duke had been of a somewhat free and easy nature—an exploratory foray into unknown territory, not intended to provide conclusive evidence. Later on, however, every conceivable precaution was taken to rule out in advance any "normal" explanation of the results. In 1938, at the annual meeting of the American Psychological Association, the experimenters gave an account of how they conducted their experiments. Even the most hostile critics had to admit that their precautions were satisfactory. "There has been," says Dr. Rhine, "very little criticism of any kind since the ESP symposium in 1938."

Very little criticism—but also, we must add, very little interest. In 1952 Dr. Lucien Warner framed a questionnaire on ESP and sent it to 515 Fellows of the American Psychological Association. About one sixth of the 360 Fellows who bothered to reply were of the opinion that ESP was either an established fact or a likely one; but only 14 had done any personal experimentation in the field. Two thirds of all the scientists answering the questionnaire had never, by their own admission, read an original scientific paper on the subject. Most of these are convinced, in the words of Psychologist D.O. Hebb, that "we have no choice but to physiologize psychology." Psi phenomena do not lend themselves to being physiologized. Therefore they do not exist. "Personally," writes Dr. Hebb, "I do not accept ESP for a moment, because it does not make sense. . . . Rhine may still turn out to be right, improbable as I think that is; and my own rejection of his views is—in a literal sense—prejudice."

That a man of science should allow prejudice to outweigh evidence seems strange enough. It is even stranger to find a psychologist rejecting a psychological discovery simply because it cannot be explained. Psi is intrinsically no more inexplicable than, say, perception or memory; it is merely less common. We do not have the faintest idea how certain chemical and electrical events in the brain make us aware of a rose as being pink and perfumed. Nor are we any less ignorant of the way in which a mind recalls events in

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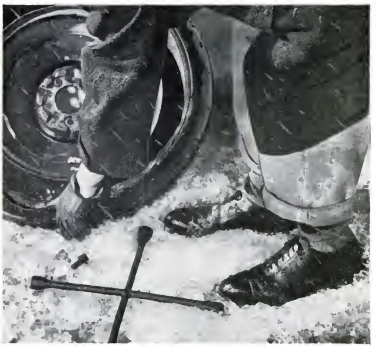
getting soaked today may cause a

COLD

tomorrow !



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BELIEVERS IN PSI include some famous men. Philosopher Swedenborg claimed clairvoyance. Poet de Musset was telepathic. Dr. Mesmer was first to discover hypnotism. Writer Twain one day got an idea for a book which, he learned later, came simultaneously to a friend of his then thousands of miles away. Philosophers James and Bergson believed in a "cosmic sea" of thought.

ESP, PK AND PSI CONTINUED

the past, of why some events in the nervous system should reappear in consciousness while others do not.

And how can events in a mind affect the fall of dice? We cannot say. But can we say how events in the mind can raise a blister on the arm of a hypnotized sailor? Can we say what hypnotism is? The mental state of a hypnotized person is very different from that of the same person unhypnotized. As far as the brain's activity can be measured by an encephalogram, the states are just about the same. Does this "make sense"? Not much more than anything else in the fascinating and bewildering field of our human nature. To refuse to accept psi because it does not conform to a hypothesis which is admittedly incapable of explaining the facts even of our everyday experience seems, to say the least of it, a little captious.

A hundred years ago, when Biblical fundamentalism was wrestling with geology, Philip Gosse, the British naturalist, found himself in a position not unlike that now occupied by the anti-psi psychologists. The geologists could prove that life had existed upon the earth for millions of years and that every existing plant and animal species had undergone far-reaching changes in the course of its evolution. But to Gosse, as to millions of other intelligent people, Genesis was literally true, and the instantaneous creation of the world in 4004 B.C. was an unassailable fact. The evidence of geology had to be ignored or explained away. Gosse chose the latter course. The earth, he still maintained, had been created in a single instant, but it had been created in its present form, with all the appearances of having slowly evolved. In other words, "God hid the fossils in the rocks in order to tempt geologists into infidelity." Today, it would seem, God is hiding Mind in the ESP cards to tempt psychologists into infidelity toward another brand of fundamentalism—the faith in Universal Matter.

In 20 years, more heretics

THIS temptation is of considerable potency, even for the professional physiologizers of the soul and for the academicians generally. At least one great European university has established a Chair of Parapsychology. Others have accepted endowments for parapsychological research and teaching and have allowed young men and women in pursuit of their Ph.D.s to write their theses on parapsychological subjects. Last summer an International Conference on Parapsychology was held at the University of Utrecht in Holland, and some 60 psychologists, psychiatrists, physicists, engineers, mathematicians and philosophers from 14 countries attended, exchanged views, listened to papers and laid plans for future investigations. The heretics are more numerous and more articulate than they were 20 years ago.

CONTINUED ON PAGE 102

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ESP, PK AND PSI CONTINUED

For those who do not wish to ignore it on a priori grounds, the evidence would seem to point to the following conclusions:

- Some people can become directly aware of events taking place in other people's minds.
- Some people can become directly aware of events taking place remotely from them.
- Some people can become aware of events, either mental or physical, which have not yet taken place.
- Some people can influence the behavior of matter with which they are not in contact.

If psi is a reality, what is its significance? How does it fit into our scheme of things? What does it mean to us as thinkers and as doers, as individuals and as members of society, as political and moral beings, as believers and disbelievers?

Let us start with thinking. One of the most eminent of living philosophers, Dr. C.D. Broad of Cambridge, has remarked on "the extraordinary indifference of almost all professional philosophers to the subject of psychical research." Natural scientists, he says, "are not to be blamed if they confine themselves to their subjects of investigation, provided they do not dogmatize ignorantly about what they have never investigated." No such excuse is open to philosophers. Their business is to understand the world as a whole and they have no right to ignore any aspect of it. Philosophers may answer that, after all, psi is only an anomaly, a queer little exception to the majestic rule. But this will not do. "The odd, exceptional inexplicable facts, however trivial in themselves, are always the point from which the next great and fundamental advances in human knowledge may be made," writes Dr. Broad. "It is for this reason that I, as a philosopher, attach so much importance to psychical research and deplore the indifference of my colleagues to the subject."

There is as yet no satisfactory philosophical theory about psi. Perhaps William James was on the right track when he suggested that we live immersed, so to speak, in "a continuum of cosmic consciousness," a World Mind, a little of which filters into every particular brain and is experienced by the owner of that brain as his private mind, or consciousness. Henri Bergson went a little further. Mind in itself, he said, is aware of everything, everywhere, without regard to space or time, but the function of our brains is to shut out most of this (to us, irrelevant) knowledge, just in the interests of biological efficiency. On this hypothesis, psi would represent a leakage into personal consciousness of some of the mental material which the brain normally either excludes or directs into utilitarian channels.

The Jekylls and Hydes of psychology

FROM philosophy we return to psychology. The oddest thing about the orthodox physiologizers of psychology is their dual personality. As academic Dr. Jekylls they believe that all mental events depend on physical events and can be explained in physical terms. As common-sense Mr. Hydes they know that their will is, to some extent, free and that practically all their effective thinking about themselves and other people is done in mental terms. Dr. J. B. Watson, the founder of Behaviorism, once proclaimed that

CONTINUED ON PAGE 104

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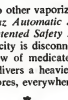

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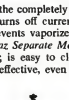

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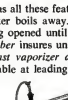

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ESP, PK AND PSI CONTINUED

"no Behaviorist had ever observed anything that he can call consciousness, sensation, perception, imagery or will." But I would suppose that even Dr. Watson must have had moments of aberration when he made the appalling discovery that he was thinking, that he was making a moral choice or that he was remembering, with a wealth of that nonexistent imagery, the scenes of his childhood.

Most of our experiences are mental. The physiologizers of psychology regard this fact as dangerously "mystical" (a favorite word with them) and try to explain it away. They say we may think we are thinking, but what is *really* happening is something electrical, something reassuringly chemical. The electrical, chemical and physiological facts should, of course, be investigated. But they should be investigated with an open mind (if the physiologizers will pardon the expression). It is surely significant that no educator or psychiatrist in his senses would ever dream of considering his problems exclusively, or even mainly, in terms of physics and chemistry. Indeed, many doctors believe that only by psychologizing physiology can they find cures for those innumerable psychosomatic diseases that plague the 20th Century.

Psychiatrists are apparently more ready to accept psi than are academic psychologists. Of some 700 psychiatrists who replied to a recent questionnaire, more than 200 stated that they were familiar with the current research in parapsychology, twice that number thought such research should be continued and extended, and about 160 reported that they had observed what appeared to be psi phenomena in the course of their practice.

What does psi mean to biology? A good deal of anecdotal evidence suggests that the lower animals may possess psi. This evidence has recently been supplemented by systematic experimentation with homing pigeons, carried out between 1949 and 1952 by Dr. G.V.T. Matthews in England and Dr. G. Kramer in Germany. In Matthews' experiments young birds were trained to "home" from one direction only, the north. When all the birds had homed at least twice from distances of about 100 miles due north, they were taken in lightproof boxes to a point 80 miles west of the loft. With almost no hesitation the birds started to fly east. On their next test they were taken to a release point 90 miles south of the loft. Most of them at once headed north.

Kramer's birds, who had never homed from more than 10 miles, were taken 200 miles away in lightproof boxes and released. Within a very short space of time (in some cases 10 seconds) most were flying toward home. Of 27 birds, with no previous experience of long-distance flights, 14 were back in the loft on the day of the release. Ten more arrived the following day. Only three were lost.

Pigeons on turntables

HOW does a pigeon know which direction to take? A number of physical and physiological hypotheses have been put forward. There is, for example, the kinesthetic hypothesis: the bird always knows where it is, thanks to the semicircular canals of its inner ear. Thanks to the same remarkable canals, it is also supposed to be aware of what is called the Coriolis force, the force that results from the revolution of the earth on its axis. The hypothesis is ingenious, but it has failed to stand up under experiment. Birds were divided into two groups, one of which traveled to the release point in stationary cages, the other in cages placed on turntables that revolved at changing speeds through the whole outward journey. The most stupendous imaginable semicircular canals could not tell a revolving pigeon where it was in relation to loft or to the equator. Consequently the revolving pigeons ought, when released, to have lost their way. But they got home just as well as the nonrevolving pigeons.

Then there is the magnetic theory. This assumes that pigeons are sensitive to terrestrial magnetism. The birds find their way home by combining the assumed awareness of the Coriolis force with the assumed awareness of the earth's magnetic field, which is different at different points of the planet's surface. This hypothesis can also be tested experimentally. Once again the birds are divided into two groups. Small magnets are attached to the wings of one, nonmagnetized objects of equal weight to the wings of the other. The birds with magnets fly in a homemade field so strong that terrestrial magnetism could not possibly be detected, but they do not lose their way any more often than the others do.

Finally there is the hypothesis that pigeons navigate by the sun. If they do, they must possess, built into their nervous system, the equivalents of a chronometer, a sextant, navigational tables and a calculating machine for correlating the solar data observed at the release point with those observed at the loft. In Dr. Kramer's

CONTINUED ON PAGE 108

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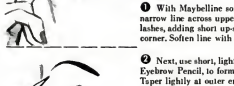
❶ With Maybelline soft Eyebrow Pencil, draw narrow line across upper eyelids, at base of lashes, adding short up-stroke at outer corner. Soften line with fingertip.

❷ Next, use short, light upward strokes of the Maybelline Eyebrow Pencil, to form beautiful, expressive brows. Taper lightly at outer end. Soften effect with fingertip.

❸ Apply smooth Maybelline Mascara from base to tips of lashes, brushing upward. (Hold a few seconds to set "up-swoop.") For an extra touch of mysterious eye beauty, blend a bit of Maybelline Eye Shadow on upper lid.



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experiments the birds were given 30 seconds, after a nocturnal journey in the canvas-covered cages, to adapt themselves to light. They were then released. Within 10 seconds most of them were flying homeward. If they were using the sun to guide them, they must have made all their observations and calculations in 40 seconds. All in all, solar navigation seems just as untenable as the canal theory or the magnetic theory. How, then, do the pigeons find their way home? We do not know. All we can say is that psi seems a likely possibility. That possibility is now being tested in this country by Dr. J. G. Pratt, Dr. Rhine's associate at Duke. Several zoologists have recently begun to consider psi as a possible explanation for the equally extraordinary and hitherto inexplicable performances of migratory birds and fish, as well as the well-known ability of cats to find their way home from long distances. In Dr. Rhine's own North Carolina is one, Fluffy, which took two years to find its way back over a 350-mile journey. One biologist, Professor A. C. Hardy of Oxford, is prepared to go a step further and to consider psi as one of the factors, along with individual variation and environment, in animal evolution.

In *New World of the Mind* Dr. Rhine has some interesting chapters on the significance of psi for religion and ethics. Psi research, he points out, has led "by the application of strict scientific method" to the conclusion that "there is something operative in man that transcends the laws of matter. . . . The universe differs, therefore, from what the prevailing materialistic concept indicates. It is one about which it is possible to be religious."

FLUFFY took two years but found its way back to Raleigh, N.C. home in 350-mile journey.

It is interesting to read what an eminent Catholic theologian, Father Victor White, O.P., has to say on the subject of psi. Scholastic philosophy recognizes the existence of "natural prophecy"—in our vocabulary, psi—which is sometimes used as the vehicle of divine revelation. "It is through the subrational [the deep Unconscious] that the supernatural is brought into human consciousness," writes Father White, or, in other words, psi is of interest to theology because its source in the Unconscious is very close to the door through which divine inspiration enters the human mind. But psi is not always spiritually and ethically desirable, or even neutral; the anecdotal evidence indicates that there are sometimes inspirations of pure unreason and radical evil. That was why Plato would have no truck with what he called "enthusiasts"—what we should call psychics, sensitives, automatists. "Though Plato could expel the inspired and the possessed from the Republic, they can never," Father White insists, "be expelled from the Church, which is built on the foundations of the prophets and the apostles."

WE are supposed to be waging a crusade against the godless materialism of the Communists. In actual fact our prevailing world differs from theirs only in degree and consistency, not in kind. On both sides of the Iron Curtain the effective religion of 20th Century man, the only faith for which all are prepared to kill and die, is nationalism. The last few centuries have witnessed a general retreat from the beginnings of universalist monotheism to a new version of the parochial polytheism current in classical times, when every city had its own tutelary deities. Our gods are not the gods of cities but of nations. Associated with the worship of the 57 varieties of national gods is a philosophy compounded of physicalism and cultural determinism, seasoned, this side of the Iron Curtain, with a dash of Freud. In Russia, to be sure, this philosophy has been worked out more systematically and applied with a stricter logic than in the West. We have been saved—insofar as we *have* been saved—by our inconsistency.

Our philosophy has no place for free will or for anything which might be described as the soul. And yet, with a blessed absence of logic, we go on behaving as though we believe in the uniqueness, the paramount value of human personality. Habit and the fact that our fundamental institutions were framed by men who were firmly convinced of the existence of all the things that "no Behaviorist has ever observed" make it quite easy for us to think one way while acting in another, incompatible way. How much longer can we continue to perform this curious feat? One fine day some

CONTINUED ON PAGE 108

To be exalted

Let me start by talking about modern art, because when you say "modern art," you can nearly always start an argument, and art thrives whenever it is a center of discussion.

I have learned much about modern art since the days when many modernist movements, and myself too, were young and striving for recognition in Paris. I have learned that although it is frequently all right for a work of art to shout at the observer to take notice, that art must then have something to say.

If you will just look through LIFE's pages on art and artists over the past—is it seventeen years already?—you will get some excellent examples of art that is beautiful, or amusing, or attention-getting, but seems primarily to startle the onlooker. For example, Marcel Duchamp and his bottle rack sculpture; Picasso painting with a flashlight; the color-shapes of Japanese abstract art; the recent sculpture contest in England (did you agree with the young man who smashed the winning model?).

But you will also find that the editors of LIFE have enabled art to speak with a thunderous voice to millions of readers who might otherwise have never been able to hear. I need hardly mention examples of this: the life of Renoir, by his son, with so many fine Renoir reproductions; the many pages on modern American painting, so complete that if I remember correctly, they all appeared in a big book some years ago; the almost overpowering Michelangelos, from the Sistine Chapel.

To be amused, to be entertained, is a part of life. To be exalted is something incomparably greater.

I remember that long ago, the first piece of sculpture I ever created was a statuette copied from a cheap plaster Indian, simply because there was nothing, nothing else in my small-town Ohio environment, that could be remotely called "art." And now I look at all of the wonderful reproductions in LIFE and imagine with gratification how exciting they must be to LIFE's millions upon millions of readers (somewhere among them, I hope, a whole generation of new sculptors and painters!).

By WILLIAM ZORACH, sculptor

but that was last summer, of course...a wilting summer, when you felt the urge to curl up in your freezer. By day you sweltered...by night you tossed and turned. A few lucky people escaped to cool places, but a million or more simply decided they had enough of summer heat and made cool places of their own homes and offices. They went out and bought a room air conditioner. But you are probably one of those who said, "That's just what I'll do...s-o-m-e-d-a-y."

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Dr. Scholl's Zino-pads

COUGHERS!

LUDEN'S MENTHOL GOES WHERE YOUR COLD GOES

dangerously logical demagogue may ask us why, if men and women are merely the by-products of physical and social processes, they should not be treated as such. After which we may expect to see the fiction of George Orwell's *1984* turn into appalling fact.

IN the immediate future the most urgent task confronting the psi researcher is to discover, if possible, some way of bringing psi into consciousness, of using it consciously and controlling it. We already know a good deal about the conditions favoring the manifestation of psi. Certain mental attitudes militate against high scoring; certain personality traits tend to be associated with success in one kind of test, other traits with success in other kinds of tests. Boredom and monotony are as bad for psi as for every other kind of work. Scoring rates tend to fall off toward the end of each run of 25 calls and toward the end of every long series of runs. Similar declines appear in tests for learning and memory. The regularity with which they appear in the records of psi testing is another powerful proof that the results are due to psychological causes.

All this knowledge is valuable, but it is still woefully insufficient. Somehow or other we must learn to catch psi on the wing, to track it to its lair deep in the unconscious. But how? We may never find out, but that is no excuse for not trying.

Another problem for the psi researchers of the future will be that of human survival after death. If all mental events depend completely on physical events, survival is out of the question. But if there are some mental events that do not depend completely on physical events, survival certainly becomes a possibility.

The recipients of "spirit messages" are often convinced (and, it may be, quite rightly convinced) that they come from personalities known to them on earth, but this conviction is rarely shared by others. Perhaps no evidence of personal identity conveyed through a medium will ever be completely and universally accepted. Even in ordinary life our sense of the personal identity of other human beings is based on hearsay and intuition rather than on scientifically coercive evidence. Disquieting cases of mistaken identity turn up from time to time in the law courts. Mothers accept impostors as their long-lost sons, as in the famous Titchborne case; wives, as in the more recent case of a returned Italian war prisoner, welcome smooth-talking strangers as their husbands. Passports, social security cards and even fingerprints can be faked. And somewhere in the world practically everybody has his or her double. (Stalin and Hitler are said to have employed half a dozen or more.) If it is so difficult, even here and now, to prove scientifically that I am I and you are you, how much harder must it be to demonstrate that the person speaking through the mouth of a medium is in fact the person he says he is, and not a projection of information acquired by means of ESP and dramatized, more or less convincingly, by a dissociated part of the medium's subconscious mind.

For this reason it seems unlikely that future research into the problem of survival will follow the lines laid down by the earlier workers in the field. How it will be conducted I do not pretend to know. We can only work at what lies immediately before us in the hope that new findings may suggest new ways of dealing with the old and still unsolved problems.

WHO IS WHO? Doubling for Harry Truman (*left*) has enabled Irving Fisher (*right*) to make a living as stage performer. Since physical identity can be counterfeited, Author Huxley points out, it is doubly difficult to assess claims that specific dead people have been heard from in seances through mediums.

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DISPOSABLE TOILET MOP
Cleans toilet bowl ... today's way
Put pad on permanent handle
Pad foams, deodorizes, cleans completely
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The Mission of the Shantymen

SEAGOING MINISTERS CARRY GOSPEL TO CANADA'S LONELY PLACES

DAILY RITUAL on trip is reading of devotional message from book called *Altar of the Household.* Missionaries, all skilled seamen, are (*left to right*) Earle Johnson, Percy Wills, Skipper Harold Peters.

INDIAN CHIEF, 73 years old, interrupts wood chopping on beach to give warm welcome to Peters.

IN A HEAVY SEA the *Messenger III* stands away from rocks and breakers after vainly trying to land. Six years ago *Messenger II*, its predecessor, went down in rough water with loss of one life.

The waves were 20 feet high, and the *Messenger III* rolled and bucked as it tried to sneak in between two jagged reefs off Vancouver Island in treacherous waters called the "Graveyard of the Pacific." Aboard were three missionaries from the Shantymen's Christian Association, a nondenominational organization in Canada dedicated to bringing the gospel to people who live—mostly in shanties or rude houses—in lonely and isolated places. *Messenger III* makes regular trips along Vancouver's coast, but this was a special trip to bring the Christmas message. In their attempt to get through the reefs to reach a lighthouse the Shantymen failed. But they were more successful at other ports of call. In the gales and rain their mission took 19 days, and here, in George Silk's pictures, LIFE tells of the trip as a belated but moving Christmas story.

TWO LITTLE INDIANS are shy as they thank Peters for gift of paper party-poppers. Their father is a logger and family lives on beach in one-room house.

TWO OLD FRIENDS, Radio Operator Barclay Stuart and his dog Pal, greet missionaries as they land at Spring Cove, which has population of three families.

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WHISPERED CONFIDENCE about gifts is given Wills by 6-year-old Helen Stuart, daughter of Radio Operator Stuart. She gave father, standing nearby, an ash tray for Christmas and mother "a doll that she can stick pins into." During missionaries' visit she played a game of ludo, similar to parcheesi, with them.

FIRST CHRISTMAS TREE ever had by the Dunkin children is decorated on *Messenger III* with missionary's help. Their own houseboat is too small for tree.

A TREE, A TRUMPET, A BABY'S DEDICATION

On this voyage, as on all their voyages, the Shantymen missionaries came not only to tell the story of Christ but to demonstrate the spirit of Christianity. Where it was needed they gave away bread and fish and clothing, asking nothing in return. The missionaries themselves wear hand-me-down clothes and are given salaries (from $25 to $40 weekly) only after all the expenses of their gospel boat are paid. At Dunkin Bay, one of the wettest spots in the world with an expected 400 inches of rainfall this year, they anchored on a rainswept night to bring a tree (*above*) to the children of Fisheries Guardian Nelson Dunkin, who live on a tiny "floathouse." In a big, bare building at Ahousat, inadequately heated by two potbellied stoves, they shivered as they put on a show (*right*) for 75 Indian adults and children. At Ucluelet, a tiny fishing hamlet, they stopped on a stormy night to name and "dedicate" a baby to God, their form of nondenominational baptism.

At all the stops the Reverend Percy Wills, who is 55 years old, had to announce sadly that this would be his last trip because he is ill and must restrict himself to administrative work. Each farewell was a tearful one for it was Wills who started the sea missionary service on Vancouver's west coast 21 years ago, using a canoe, and the Vancouver settlers have come to depend on him not only for spiritual advice but for guidance in practical affairs ranging from business to how to build a house. Among the farewells there was one more poignant than all the rest (*next page*).

"JOY TO THE WORLD" is played as saxophone and trumpet duet by Indian, Teddy George (*left*), and Missionary Johnson in the meeting hall in Ahousat.

MONTH-OLD BABY is dedicated by Wills before parents (standing, *left*). Later father, George Gudbranson, played *Beautiful Isle of Somewhere* on the violin.

FISHERFOLK KIDS at town of Tofino sing with Shantymen. Building is old Air Force chapel which Wills got loggers to move into Tofino for use as church.

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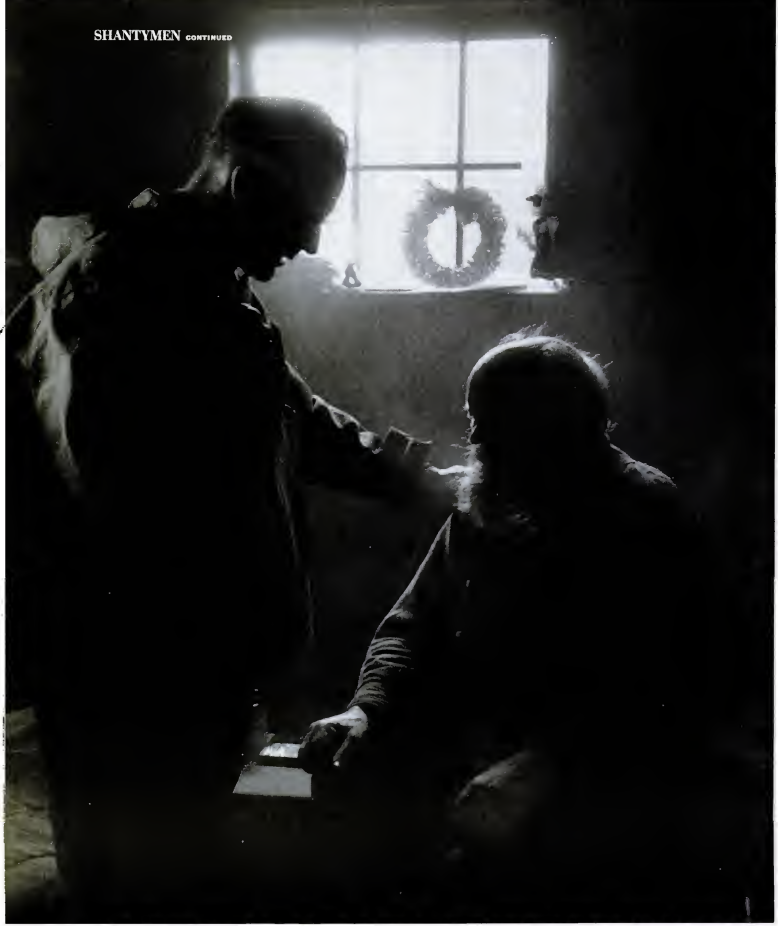

MOST TOUCHING FAREWELL came when Missionary Wills said goodby to John Rudd, a Norwegian ex-whaler who lives as a hermit on a wild, heavily timbered 78-acre island. Wills had brought Rudd a loaf of bread, some smoked salmon and a holly wreath for Christmas and the hermit, whom he has known for years, responded by insisting that the minister take several dollars which he had received from loggers for timber taken from his island. Then Wills said, "John, this is the last time I'll ever see you." Rudd's eyes opened wide and he asked, "Why, why?" When Wills explained, Rudd sat down sadly on his bench. Reaching over, Wills touched the old man's shoulder and prayed, "May God's compassion be with our friend John in his loneliness this Christmas season."

"96-YEAR TEST" PROVES ROYAL PORTABLE THE RUGGED TYPEWRITER

For 2000 grueling hours, stock model pounded out 100 words a minute!

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GLUTTON'S WEEKLY WHITING

Simba, a year-old seal point Siamese cat, is the gluttonous pet of London *Daily Sketch* Photographer David Johnson, who spends 10 shillings a week feeding it twice-daily meals of dog biscuits, rabbit meat and horseflesh. But Simba lives for his weekly treat, a whiting fresh from the fishmonger. With undignified ferocity, Simba seizes the fish, flings it high in the air and leaps after it, thus working his appetite to a voracious pitch. At the climax of his wild gyrations, having torn a piece from the whiting, Simba gives one final snarl of triumph, which his master recorded above, and goes on to gobble up the fish. Then he begins his ravenous wait for another week and another whiting.

INDIA'S Fighting Porker turned the tables on me!

1 **"Terror of the Jodhpur plains,** a boar can cripple a horse with one slash of its tusks. That's why India's sport of 'pig-sticking' is far from one-sided," writes Norman Blake, an American friend of Canadian Club. "Teamed up with the famous Hanut Singh, I had my hands full managing a 9-foot lance while zig-zagging my horse at top speed in pursuit of a 250-pounder. Suddenly the boar turned to fight. I reined in and thrust home...

2 **"'Stay on your horse!'** Singh shouted as I started to dismount. Though wounded, the boar had plunged into the brush, leaving the lance in my hand. I had every intention of pursuing the beast on foot, but Singh's warning stopped me—and just in time...

3 **"Next thing I knew,** Singh's perfectly aimed lance had dropped the boar barely five feet from where I sat my horse. Dead game to the end, the pig had charged out from its cover, ready for a last-ditch fight. Its dagger-like tusks would certainly have made short work of me if I'd been on the ground...

4 **"'England's' Bengal Lancers** introduced pig-sticking to India," Singh told me later, 'but the pleasure of Canadian Club we owe to Canada. Like you, all my visitors prefer it.'

5 **"Halfway round the world,** India is only 62 hours from New York by Pan American World Airways Clipper. But however far I travel, I usually find Canadian Club."

Why this whisky's worldwide popularity? Canadian Club is *light* as scotch, *rich* as rye, *satisfying* as bourbon. Yet it has a distinctive flavor and a character that is all its own. You can stay with Canadian Club all evening long... in cocktails before dinner and tall ones afterward. There is *one* and *only one* Canadian Club, and *no other* whisky tastes quite like it in all the world.

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